

## AFSC/ABL: Taku chum SSSF diet and energy data

**Theme keywords:** 002, Biota, Chum salmon, *Oncorhynchus keta*, hatchery/wild interaction, transboundary river, juveniles, estuary, distribution, abundance, early marine growth, diet, condition, energy density, trophic interactions

**Abstract:** This study is a cooperative effort between Douglas Island Pink & Chum (DIPAC), the University of Alaska Fairbanks, School of Fisheries and Ocean Sciences (UAF, SFOS), the National Oceanic & Atmospheric Administration, Auke Bay Lab (ABL), and the Alaska Department of Fish & Game (ADF&G) to determine the potential for interactions between DIPAC hatchery chum salmon (*Oncorhynchus keta*) fry and wild chum salmon fry in Taku Inlet, Southeast Alaska. We analyzed patterns in spatial and temporal distribution, size, and condition of juvenile chum salmon collected in the littoral and neritic waters of Taku Inlet in 2004 and 2005. Energy density and diet of wild and hatchery chum salmon fry in Taku Inlet were analyzed and compared to data obtained later in the season for chum salmon stocks caught in Icy Strait. The greatest potential for wild/hatchery interactions was in the outer inlet, directly following early hatchery releases (May 9-11). Peak outmigration for wild chum salmon fry coincided with early hatchery releases; in contrast, most wild chum salmon fry had already emigrated from the estuary by the time of late hatchery fry release (May 22 – June 1). In both years, hatchery fry were rare in the inner inlet, but comprised over 95% of the catch in the outer estuary during the peak of outmigration. Hatchery chum salmon were significantly larger than wild fry in both beach and neritic samples. Wild and early hatchery chum salmon were smaller in the littoral than the neritic habitat, indicating that both groups moved from shallow to deeper water with ontogeny. In spite of large differences in abundance, no negative correlation between abundance of hatchery fish and condition of wild fish was identified. Both wild and early hatchery chum salmon fry showed apparent growth through the season, while late hatchery fry appeared to leave the estuary soon after release. Regardless of origin, most chum salmon juveniles emigrated from the study area in late May and early June, indicating a high probability for mixed-stock schools. Hatchery chum salmon juveniles were initially larger and had greater energy content than wild fish; however, energetic values converged by mid-June in Taku Inlet. In Icy Strait, energetic condition of wild and hatchery chum salmon juveniles was also similar. Multivariate analysis of 54 prey measures indicated that diets of the two groups were distinctly different throughout the season in all Taku Inlet locations and converged in Icy Strait.

### FGDC, ESRI, and Biological Profile Metadata:

- [Identification Information](#)
- [Data Quality Information](#)
- [Entity and Attribute 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:** Sturdevant, Molly, Fergusson, Emily

#### Title:

AFSC/ABL: Taku chum SSSF diet and energy data

**Publication date:** Unknown

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

#### Other citation details:

Hilgruber, N. 2007. Taku Wild/Hatchery Chum Study. Southeast Sustainable Salmon Fund Final report SSSF Project No. 45268. Unpub.report, School of Fisheries and Ocean Sciences, University of Alaska Fairbanks, 17101 Point Lena Loop Road, Juneau, Alaska 99801. Reese, C., N. Hillgruber, W. Smoker, A. Wertheimer, M. Sturdevant, and R. Focht. 2008. Spatial and temporal distribution of wild and hatchery chum salmon (*Oncorhynchus keta*) in the Taku Inlet, Alaska and the potential for their interaction. Fish. Bull., in review. Sturdevant M, E. Fergusson, C. Reese, A. Wertheimer, N. Hillgruber, W. Smoker, and J. Orsi. 2008. Trophic Interactions among Wild and Hatchery Juvenile Chum Salmon in Taku Inlet, Southeastern Alaska, In: Proceedings of the 23rd NE Pacific Pink and chum Salmon Workshop. O. Johnson and K. Neely, eds. February 19-21, 2008, Bellingham, WA.

### Description:

#### Abstract:

This study is a cooperative effort between Douglas Island Pink & Chum (DIPAC), the University of Alaska Fairbanks, School of Fisheries and Ocean Sciences (UAF, SFOS), the National Oceanic & Atmospheric Administration, Auke Bay Lab (ABL), and the Alaska Department of Fish & Game (ADF&G) to determine the potential for interactions between DIPAC hatchery chum salmon (*Oncorhynchus keta*) fry and wild chum salmon fry in Taku Inlet, Southeast Alaska. We analyzed patterns in spatial and temporal distribution, size, and condition of juvenile chum salmon collected in the littoral and neritic waters of Taku Inlet in 2004 and 2005. Energy density and diet of wild and hatchery chum salmon fry in Taku Inlet were analyzed and compared to data obtained later in the season for chum salmon stocks caught in Icy Strait. The greatest potential for wild/hatchery interactions was in the outer inlet, directly following early hatchery releases (May 9-11). Peak outmigration for wild chum salmon fry coincided with early hatchery releases; in contrast, most wild chum salmon fry had already emigrated from the estuary by the time of late hatchery fry release (May 22 – June 1). In both years, hatchery fry were rare in the inner inlet, but comprised over 95% of the catch in the outer estuary during the peak of outmigration. Hatchery chum salmon were significantly

larger than wild fry in both beach and neritic samples. Wild and early hatchery chum salmon were smaller in the littoral than the neritic habitat, indicating that both groups moved from shallow to deeper water with ontogeny. In spite of large differences in abundance, no negative correlation between abundance of hatchery fish and condition of wild fish was identified. Both wild and early hatchery chum salmon fry showed apparent growth through the season, while late hatchery fry appeared to leave the estuary soon after release. Regardless of origin, most chum salmon juveniles emigrated from the study area in late May and early June, indicating a high probability for mixed-stock schools. Hatchery chum salmon juveniles were initially larger and had greater energy content than wild fish; however, energetic values converged by mid-June in Taku Inlet. In Icy Strait, energetic condition of wild and hatchery chum salmon juveniles was also similar. Multivariate analysis of 54 prey measures indicated that diets of the two groups were distinctly different throughout the season in all Taku Inlet locations and converged in Icy Strait.

**Purpose:**

This database contains the diet and energy data collected for the project described in the abstract.

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

**Beginning date:** 200404

**Ending date:** 200507

**Currentness reference:**

ground condition

**Status:**

**Progress:** Complete

**Maintenance and update frequency:** None planned

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

Taku Inlet, Southeast Alaska

**Bounding coordinates:**

**West bounding coordinate:** -134.18695

**East bounding coordinate:** -134.02875

**North bounding coordinate:** 58.31325

**South bounding coordinate:** 58.189317

**Keywords:****Theme:**

**Theme keywords:** 002, Biota

**Theme keyword thesaurus:** ISO 19115 Topic Categories

**Theme:**

**Theme keywords:** Chum salmon, Oncorhynchus keta, hatchery/wild interaction, transboundary river, juveniles, estuary, distribution, abundance, early marine growth, diet, condition, energy density, trophic interactions

**Theme keyword thesaurus:** None

**Place:**

**Place keywords:** Taku Inlet, Taku River, Southeast Alaska, Alaska

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

**Taxonomy:**

**Keywords/taxon:**

**Taxonomic keywords:** multiple species, invertebrates, 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

**Access constraints:** The Data set is still being analyzed and will not be available for distribution until it has been finalized and all QA/QC practices have been performed. Contact the Data Point of Contact for estimated time of release.

**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:** Molly Sturdevant

**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 electronic mail address:** molly.sturdevant@noaa.gov

**Contact instructions:**

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

**Data set credit:**

Southeast Sustainable Salmon Fund, Pacific Salmon Commission; Carl Reese, Alaska Department of Environmental Conservation; Nicola Hillgruber and William Smoker, SFOS, Univ. Alaska Fairbanks; Alex Wertheimer, Auke Bay Laboratories, AFSC, NOAA Fisheries; Rick Focht, Douglas Island Pink & Chum (DIPAC)

**Native data set environment:**

Microsoft Access database

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## Data Quality Information:

### Logical consistency report:

not applicable

### Completeness report:

not applicable

### Lineage:

#### Methodology:

##### Methodology type:

Field

##### Methodology description:

See references for full methodology.

#### Methodology:

##### Methodology type:

Lab

##### Methodology description:

See references for full methodology.

### Process step:

#### Process description:

not applicable

**Process date:** Unknown

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## Entity and Attribute Information:

### Detailed description:

#### Entity type:

**Entity type label:** Calendar day

**Entity type definition:**

-no description-

**Entity type definition source:**

AFSC

**Attribute:****Attribute label:** Date**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:****Unrepresentable domain:**

No domain defined.

**Attribute:****Attribute label:** Day (calendar)**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:****Unrepresentable domain:**

No domain defined.

**Detailed description:****Entity type:****Entity type label:** catch Carl 2005 ref**Entity type definition:**

-no description-

**Entity type definition source:**

AFSC

**Attribute:****Attribute label:** haul #**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:****Unrepresentable domain:**

No domain defined.



**Attribute:****Attribute label:** chumfroze**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:****Unrepresentable domain:**

No domain defined.

**Attribute:****Attribute label:** nonran-froze**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:****Unrepresentable domain:**

No domain defined.

**Attribute:****Attribute label:** chum form**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:****Unrepresentable domain:**

No domain defined.

**Attribute:****Attribute label:** nonran-form**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:**

**Unrepresentable domain:**

No domain defined.

**Attribute:****Attribute label:** total chum**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:****Unrepresentable domain:**

No domain defined.

**Attribute:****Attribute label:** ratiocorrect**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:****Unrepresentable domain:**

No domain defined.

**Attribute:****Attribute label:** ratiowild**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:****Unrepresentable domain:**

No domain defined.

**Attribute:****Attribute label:** ratioDIPAC**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:**

**Unrepresentable domain:**

No domain defined.

**Attribute:**

**Attribute label:** correctedwild

**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:**

**Unrepresentable domain:**

No domain defined.

**Attribute:**

**Attribute label:** correctedDIPAC

**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:**

**Unrepresentable domain:**

No domain defined.

**Attribute:**

**Attribute label:** correctedchum

**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:**

**Unrepresentable domain:**

No domain defined.

**Attribute:**

**Attribute label:** Form Pink

**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:****Unrepresentable domain:**

No domain defined.

**Attribute:**

**Attribute label:** total pink

**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:****Unrepresentable domain:**

No domain defined.

**Attribute:**

**Attribute label:** Dolly

**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:****Unrepresentable domain:**

No domain defined.

**Attribute:**

**Attribute label:** coho

**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:****Unrepresentable domain:**

No domain defined.

**Attribute:****Attribute label:** chinook**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:****Unrepresentable domain:**

No domain defined.

**Attribute:****Attribute label:** sockeye**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:****Unrepresentable domain:**

No domain defined.

**Attribute:****Attribute label:** steelhead**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:****Unrepresentable domain:**

No domain defined.

**Attribute:****Attribute label:** cutthroat**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:**  
**Unrepresentable domain:**  
No domain defined.

**Attribute:**

**Attribute label:** herring  
**Attribute definition:**  
-no description-  
**Attribute definition source:**  
AFSC

**Attribute domain values:**  
**Unrepresentable domain:**  
No domain defined.

**Attribute:**

**Attribute label:** sandfish  
**Attribute definition:**  
-no description-  
**Attribute definition source:**  
AFSC

**Attribute domain values:**  
**Unrepresentable domain:**  
No domain defined.

**Attribute:**

**Attribute label:** starry  
**Attribute definition:**  
-no description-  
**Attribute definition source:**  
AFSC

**Attribute domain values:**  
**Unrepresentable domain:**  
No domain defined.

**Attribute:**

**Attribute label:** sandlance  
**Attribute definition:**  
-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:****Unrepresentable domain:**

No domain defined.

**Attribute:****Attribute label:** eulachon**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:****Unrepresentable domain:**

No domain defined.

**Attribute:****Attribute label:** capelin**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:****Unrepresentable domain:**

No domain defined.

**Attribute:****Attribute label:** greatsculpin**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:****Unrepresentable domain:**

No domain defined.

**Attribute:**

**Attribute label:** staghorn

**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:**

**Unrepresentable domain:**

No domain defined.

**Attribute:**

**Attribute label:** tadpolesculpin

**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:**

**Unrepresentable domain:**

No domain defined.

**Attribute:**

**Attribute label:** buffalosculpin

**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:**

**Unrepresentable domain:**

No domain defined.

**Attribute:**

**Attribute label:** softsculpin

**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:**

**Unrepresentable domain:**



No domain defined.

**Attribute:**

**Attribute label:** othersculpin

**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:**

**Unrepresentable domain:**

No domain defined.

**Attribute:**

**Attribute label:** Pollack

**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:**

**Unrepresentable domain:**

No domain defined.

**Attribute:**

**Attribute label:** Gunnel

**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:**

**Unrepresentable domain:**

No domain defined.

**Attribute:**

**Attribute label:** P snake prickleback

**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:**  
**Unrepresentable domain:**  
No domain defined.

**Attribute:**  
**Attribute label:** lamprey spp  
**Attribute definition:**  
-no description-  
**Attribute definition source:**  
AFSC

**Attribute domain values:**  
**Unrepresentable domain:**  
No domain defined.

**Attribute:**  
**Attribute label:** stickleback  
**Attribute definition:**  
-no description-  
**Attribute definition source:**  
AFSC

**Attribute domain values:**  
**Unrepresentable domain:**  
No domain defined.

**Attribute:**  
**Attribute label:** greenling  
**Attribute definition:**  
-no description-  
**Attribute definition source:**  
AFSC

**Attribute domain values:**  
**Unrepresentable domain:**  
No domain defined.

**Attribute:**  
**Attribute label:** otherfish  
**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:**

**Unrepresentable domain:**

No domain defined.

**Attribute:**

**Attribute label:** Jellies (ml)

**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:**

**Unrepresentable domain:**

No domain defined.

**Attribute:**

**Attribute label:** shrimp (ml)

**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:**

**Unrepresentable domain:**

No domain defined.

**Detailed description:**

**Entity type:**

**Entity type label:** DIPAC 2004-5 SECM formalin-frozen fish marks

**Entity type definition:**

-no description-

**Entity type definition source:**

AFSC

**Attribute:**

**Attribute label:** Haul #

**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:**

**Unrepresentable domain:**

No domain defined.

**Attribute:**

**Attribute label:** Fish #

**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:**

**Unrepresentable domain:**

No domain defined.

**Attribute:**

**Attribute label:** TM Mark Y/N/OG

**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:**

**Unrepresentable domain:**

No domain defined.

**Attribute:**

**Attribute label:** Mark code

**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:**

**Unrepresentable domain:**

No domain defined.

**Attribute:****Attribute label:** Hatchery**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:****Unrepresentable domain:**

No domain defined.

**Attribute:****Attribute label:** Release Site**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:****Unrepresentable domain:**

No domain defined.

**Attribute:****Attribute label:** Comments**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:****Unrepresentable domain:**

No domain defined.

**Attribute:****Attribute label:** Treatment**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:**

**Unrepresentable domain:**

No domain defined.

**Detailed description:****Entity type:****Entity type label:** DIPAC mark id all formalin & frozen fish 2004-5**Entity type definition:**

-no description-

**Entity type definition source:**

AFSC

**Attribute:****Attribute label:** Haul #**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:****Unrepresentable domain:**

No domain defined.

**Attribute:****Attribute label:** Fish #**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:****Unrepresentable domain:**

No domain defined.

**Attribute:****Attribute label:** Station**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:**

**Unrepresentable domain:**

No domain defined.

**Attribute:****Attribute label:** Species**Attribute definition:**

1=pink, 2=chum

**Attribute definition source:**

AFSC

**Attribute domain values:****Unrepresentable domain:**

No domain defined.

**Attribute:****Attribute label:** Length**Attribute definition:**

mm FL

**Attribute definition source:**

AFSC

**Attribute domain values:****Unrepresentable domain:**

No domain defined.

**Attribute:****Attribute label:** Weight**Attribute definition:**

g wet weight

**Attribute definition source:**

AFSC

**Attribute domain values:****Unrepresentable domain:**

No domain defined.

**Attribute:****Attribute label:** TM Y/N**Attribute definition:**

Y=yes, N=no, U=unknown (used for pinks) blank=no mark

**Attribute definition source:**

AFSC

**Attribute domain values:**

**Unrepresentable domain:**

No domain defined.

**Attribute:**

**Attribute label:** Mark

**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:**

**Unrepresentable domain:**

No domain defined.

**Attribute:**

**Attribute label:** BY

**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:**

**Unrepresentable domain:**

No domain defined.

**Attribute:**

**Attribute label:** Hatchery

**Attribute definition:**

DIPAC, NSRAA, SSRAA, Wild, Unknown

**Attribute definition source:**

AFSC

**Attribute domain values:**

**Unrepresentable domain:**

No domain defined.

**Attribute:**

**Attribute label:** Release Site



**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:****Unrepresentable domain:**

No domain defined.

**Attribute:**

**Attribute label:** Comments

**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:****Unrepresentable domain:**

No domain defined.

**Attribute:**

**Attribute label:** Treatment

**Attribute definition:**

formalin or frozen

**Attribute definition source:**

AFSC

**Attribute domain values:****Unrepresentable domain:**

No domain defined.

**Attribute:**

**Attribute label:** stock-treat

**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:****Unrepresentable domain:**

No domain defined.

**Detailed description:****Entity type:****Entity type label:** Gear**Entity type definition:**

-no description-

**Entity type definition source:**

AFSC

**Attribute:****Attribute label:** Gear Code**Attribute definition:**

1 letter code for data entry, B=beach seine T=trawl

**Attribute definition source:**

AFSC

**Attribute domain values:****Unrepresentable domain:**

No domain defined.

**Attribute:****Attribute label:** Gear Type**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:****Unrepresentable domain:**

No domain defined.

**Detailed description:****Entity type:****Entity type label:** Hauls**Entity type definition:**

-no description-

**Entity type definition source:**

AFSC

**Attribute:****Attribute label:** week sampled

**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:****Unrepresentable domain:**

No domain defined.

**Attribute:**

**Attribute label:** station code

**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:****Unrepresentable domain:**

No domain defined.

**Attribute:**

**Attribute label:** month

**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:****Unrepresentable domain:**

No domain defined.

**Attribute:**

**Attribute label:** date

**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:****Unrepresentable domain:**

No domain defined.

**Attribute:****Attribute label:** year**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:****Unrepresentable domain:**

No domain defined.

**Attribute:****Attribute label:** cruise**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:****Unrepresentable domain:**

No domain defined.

**Attribute:****Attribute label:** haul #**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:****Unrepresentable domain:**

No domain defined.

**Attribute:****Attribute label:** gear type**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:**  
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No domain defined.

**Attribute:**

**Attribute label:** Temp (C)  
**Attribute definition:**  
-no description-  
**Attribute definition source:**  
AFSC

**Attribute domain values:**  
**Unrepresentable domain:**  
No domain defined.

**Attribute:**

**Attribute label:** Salinity ppt  
**Attribute definition:**  
-no description-  
**Attribute definition source:**  
AFSC

**Attribute domain values:**  
**Unrepresentable domain:**  
No domain defined.

**Attribute:**

**Attribute label:** tidelevel  
**Attribute definition:**  
-no description-  
**Attribute definition source:**  
AFSC

**Attribute domain values:**  
**Unrepresentable domain:**  
No domain defined.

**Attribute:**

**Attribute label:** tidedirection  
**Attribute definition:**  
-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:****Unrepresentable domain:**

No domain defined.

**Attribute:****Attribute label:** start time**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:****Unrepresentable domain:**

No domain defined.

**Attribute:****Attribute label:** set OK**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** False**Enumerated domain value definition:**

False

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** True**Enumerated domain value definition:**

True

**Enumerated domain value definition source:**

AFSC

**Attribute:****Attribute label:** random?**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** False**Enumerated domain value definition:**

False

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** True**Enumerated domain value definition:**

True

**Enumerated domain value definition source:**

AFSC

**Attribute:****Attribute label:** Comments**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:****Unrepresentable domain:**

No domain defined.

**Detailed description:****Entity type:****Entity type label:** lab proc calorimeter**Entity type definition:**

-no description-

**Entity type definition source:**

AFSC

**Attribute:****Attribute label:** Haul #**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:****Unrepresentable domain:**

No domain defined.

**Attribute:****Attribute label:** Fish #**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:****Unrepresentable domain:**

No domain defined.

**Attribute:****Attribute label:** pellet wt**Attribute definition:**

should be approx 0.150 g

**Attribute definition source:**

AFSC

**Attribute domain values:****Unrepresentable domain:**

No domain defined.

**Attribute:****Attribute label:** bomb unit #**Attribute definition:**

1 or 2 or 3, #3 is Angela's bomb #A

**Attribute definition source:**

AFSC



**Attribute domain values:**  
**Unrepresentable domain:**  
No domain defined.

**Attribute:**  
**Attribute label:** sample ID #  
**Attribute definition:**  
sample number from calorimter run  
**Attribute definition source:**  
AFSC

**Attribute domain values:**  
**Unrepresentable domain:**  
No domain defined.

**Attribute:**  
**Attribute label:** fuse used  
**Attribute definition:**  
remaining fuse after firing  
**Attribute definition source:**  
AFSC

**Attribute domain values:**  
**Unrepresentable domain:**  
No domain defined.

**Attribute:**  
**Attribute label:** cal/g dry wt  
**Attribute definition:**  
-no description-  
**Attribute definition source:**  
AFSC

**Attribute domain values:**  
**Unrepresentable domain:**  
No domain defined.

**Attribute:**  
**Attribute label:** date processed  
**Attribute definition:**  
-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:****Unrepresentable domain:**

No domain defined.

**Attribute:****Attribute label:** processor**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:****Unrepresentable domain:**

No domain defined.

**Attribute:****Attribute label:** comments**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:****Unrepresentable domain:**

No domain defined.

**Detailed description:****Entity type:****Entity type label:** lab proc diet comp**Entity type definition:**

-no description-

**Entity type definition source:**

AFSC

**Attribute:****Attribute label:** Haul #**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:****Unrepresentable domain:**

No domain defined.

**Attribute:****Attribute label:** Fish #**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:****Unrepresentable domain:**

No domain defined.

**Attribute:****Attribute label:** SPCD**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** AC**Enumerated domain value definition:**

Calanoid, Acartia sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** AC4**Enumerated domain value definition:**

Calanoid, Acartia clausi CI-CIV copepodite

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** AC5**Enumerated domain value definition:**

Calanoid, Acartia clausi CV copepodite

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** ACA**Enumerated domain value definition:**

Calanoid, Acartia clausi adult

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** ACC**Enumerated domain value definition:**

Calanoid, Acartia clausi copepodite

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** ACE**Enumerated domain value definition:**

unknown from Won #2079

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** ACF**Enumerated domain value definition:**

Calanoid, Acartia clausi female

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:****Enumerated domain value:** ACG**Enumerated domain value definition:**

Calanoid, Acartia clausi, general

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** ACM**Enumerated domain value definition:**

Calanoid, Acartia clausi male

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** ACP**Enumerated domain value definition:**

Calanoid, Acartia sp. copepodids

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** ADC**Enumerated domain value definition:**

Calanoid, Aetideus divergens, CI-IV copepodite

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** ADF**Enumerated domain value definition:**

Calanoid, Aetideus divergens, adult female

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:**

**Enumerated domain value:** ADM  
**Enumerated domain value definition:**  
Calanoid, Aetideus divergens, adult male  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** ADV  
**Enumerated domain value definition:**  
Calanoid, Aetideus divergens, CV copepodite  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** AE4  
**Enumerated domain value definition:**  
Calanoid, Aetideidae sp. copepodite CI-CIV  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** AEC  
**Enumerated domain value definition:**  
Calanoid, Aetideidae sp. copepodite CI-CV  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** AEF  
**Enumerated domain value definition:**  
Calanoid, Aetideidae sp. adult female  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** AEM

**Enumerated domain value definition:**

Calanoid, Aetideidae sp. adult male

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** AET**Enumerated domain value definition:**

Calanoid, Aetideidae sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** AGA**Enumerated domain value definition:**

Cnidaria, Agalmidae, bract.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** AGE**Enumerated domain value definition:**

Annelid, general

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** AGG**Enumerated domain value definition:**

Amphipod, Gammarid, unknown general

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** AGI**Enumerated domain value definition:**

Amphipod, Gammarid, Iphimediidae  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** AGR  
**Enumerated domain value definition:**  
Mysidae, Archaeomysis grebnitzkii  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** AGS  
**Enumerated domain value definition:**  
Amphipod, Gammarid, Stilipes sp.  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** AGZ  
**Enumerated domain value definition:**  
Decapod, zoea, Anomura, Galatheididae  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** AHC  
**Enumerated domain value definition:**  
Decapod, zoea, Acantholithodes hispidus  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** AHE  
**Enumerated domain value definition:**  
Amphipod, Hyperiid, egg



**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** AHP**Enumerated domain value definition:**

Amphipod, Hyperiid, Phronima sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** AHS**Enumerated domain value definition:**

Amphipod, Hyperiid, Scina sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** AHV**Enumerated domain value definition:**

Amphipod, Hyperiid, Vibilia propinqua

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** AL**Enumerated domain value definition:**

Calanoid, Acartia longiremus adult

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** AL4**Enumerated domain value definition:**

Calanoid, Acartia longiremus copepodite C1-C4

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** AL5

**Enumerated domain value definition:**

Calanoid, Acartia longiremus copepodite CV

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** ALC

**Enumerated domain value definition:**

Calanoid, Acartia longiremus copepodite

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** ALF

**Enumerated domain value definition:**

Calanoid, Acartia longiremis female

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** ALG

**Enumerated domain value definition:**

Calanoid, Acartia longiremis, general

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** ALM

**Enumerated domain value definition:**

Calanoid, Acartia longiremus male

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** ALV**Enumerated domain value definition:**

Gastropod, snail, Alvania sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** AMA**Enumerated domain value definition:**

Polychaeta, Ampharetidae

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** AMH**Enumerated domain value definition:**

Echinodermata, Ophiuroid, Amphiuroidae

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** AMM**Enumerated domain value definition:**

Fish, Ammodytes hexapterus (sandlance)

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** AMP**Enumerated domain value definition:**

Amphipod, unknown gammarid/hyperiid

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** AOS**Enumerated domain value definition:**

Amphipod, Hyperiid, Oxycephalus sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** APF**Enumerated domain value definition:**

Calanoid, Aetideus pacificus, female

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** APG**Enumerated domain value definition:**

Calanoid, Aetideus pacificus, general

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** APS**Enumerated domain value definition:**

Amphipod, Hyperiid, Phronimella sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** ARG**Enumerated domain value definition:**

Mysidae, Archaeomysis sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:****Enumerated domain value:** ARS**Enumerated domain value definition:**

Arthropod, Arachnid, spider (Araneae)

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** ARU**Enumerated domain value definition:**

Arthropod, unknown

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** ASB**Enumerated domain value definition:**

Amphipod, Hyperiid, Scina borealis

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** ASF**Enumerated domain value definition:**

Amphipod, Hyperiid, Scina borealis, female

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** ASM**Enumerated domain value definition:**

Amphipod, Hyperiid, Scina borealis, male

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:**

**Enumerated domain value:** ATE  
**Enumerated domain value definition:**  
Decapoda, Cancrid crab, Atelecyclidae  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** AUF  
**Enumerated domain value definition:**  
Calanoid, Acartia sp. Female  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** AUG  
**Enumerated domain value definition:**  
Calanoid, Augaptilidae adult female  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** AUM  
**Enumerated domain value definition:**  
Calanoid, Acartia sp. Male  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** AUT  
**Enumerated domain value definition:**  
Polychaeta, Autolytus sp. gravid Female  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** BAL

**Enumerated domain value definition:**

Barnacle cirri (setose legs only)

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** BAR**Enumerated domain value definition:**

Barnacle, adult

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** BCN**Enumerated domain value definition:**

Bivalve, clam necks

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** BCT**Enumerated domain value definition:**

Cnidaria, Hydrozoa, bract

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** BLG**Enumerated domain value definition:**

Barnacle, general larvae

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** BMC**Enumerated domain value definition:**

Barnacle, cyprid

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** BMM

**Enumerated domain value definition:**

Barnacle, adult molt (cirri & mouth area)

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** BMP

**Enumerated domain value definition:**

Barnacle, nauplius

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** BRC

**Enumerated domain value definition:**

Calanoid, Bradyidius saanichi, copepodite

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** BRF

**Enumerated domain value definition:**

Calanoid, Bradyidius saanichi, female

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** BRG

**Enumerated domain value definition:**

Calanoid, Bradyidius saanichi, general



**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** BRL**Enumerated domain value definition:**

Echinodermata, Brachiolaria larvae

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** BRM**Enumerated domain value definition:**

Calanoid, Bradyidius saanichi, male

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** BVJ**Enumerated domain value definition:**

Bivalve, general juvenile

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** BVL**Enumerated domain value definition:**

Bivalve, larvae

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** BVP**Enumerated domain value definition:**

Bivalve pieces (shell + muscle)

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** C3C

**Enumerated domain value definition:**

Calanoid, Candacia columbiae copepodite CI-CIII

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** C5F

**Enumerated domain value definition:**

Calanoid, Candacia columbiae copepodite CV female

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** CA

**Enumerated domain value definition:**

Calanoid, Centropages abdominalis, general

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** CA4

**Enumerated domain value definition:**

Calanoid, Centropages abdominalis, CI-CIV copepodites

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** CA5

**Enumerated domain value definition:**

Calanoid, Centropages abdominalis, CV copepodite

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** CAA**Enumerated domain value definition:**

Cnidaria, Anthozoa, anemone

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** CAC**Enumerated domain value definition:**

Calanoid, Centropages abdominalis, copepodite

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** CAD**Enumerated domain value definition:**

Calanoid, Candacia columbiae general

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** CAE**Enumerated domain value definition:**

Calanoid, single egg or clutch

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** CAF**Enumerated domain value definition:**

Calanoid, Centropages abdominalis, female

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** CAG**Enumerated domain value definition:**

Amphipod, Caprellidae, gravid female

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** CAJ**Enumerated domain value definition:**

Decapod, megalops, Cancridae

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** CAK**Enumerated domain value definition:**

Decapod, Shrimp, Crangon alaskensis

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** CAL**Enumerated domain value definition:**

Calanoid, general large (x&gt;2.5 mm)

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** CAM**Enumerated domain value definition:**

Calanoid, Centropages abdominalis, male

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:****Enumerated domain value:** CAN**Enumerated domain value definition:**

Calanoid, general nauplius

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** CAP**Enumerated domain value definition:**

Amphipod, Caprellidae

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** CAS**Enumerated domain value definition:**

Calanoid, general small (x&lt;2.5 mm)

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** CAU**Enumerated domain value definition:**

Calanoid, Centropages, general

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** CAV**Enumerated domain value definition:**

Calanoid, Candacia columbiae CI-CV copepodid

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:**

**Enumerated domain value:** CAZ  
**Enumerated domain value definition:**  
Decapod, zoea, Callianassidae  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** CBI  
**Enumerated domain value definition:**  
Ctenophore, Bolinopsis infundibulum  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** CBM  
**Enumerated domain value definition:**  
Decapod, megalops, Majidae, Chionoecetes bairdi  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** CBS  
**Enumerated domain value definition:**  
Ctenophore, Bolinopsis sp.  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** CC1  
**Enumerated domain value definition:**  
Amphipod, Gammarid, Cyphocaris sp.  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** CC2

**Enumerated domain value definition:**

Amphipod, Gammarid, Cyphocaris sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:**

**Enumerated domain value:** CC3

**Enumerated domain value definition:**

Amphipod, Gammarid, Cyphocaris sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:**

**Enumerated domain value:** CC4

**Enumerated domain value definition:**

Calanoid, Candacia columbiae copepodite CIV

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:**

**Enumerated domain value:** CC5

**Enumerated domain value definition:**

Calanoid, Candacia columbiae copepodite CV

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:**

**Enumerated domain value:** CCC

**Enumerated domain value definition:**

Amphipod, Gammarid, Cyphocaris challengerii

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:**

**Enumerated domain value:** CCF

**Enumerated domain value definition:**

Calanoid, Calanus sp. female  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** CCG  
**Enumerated domain value definition:**  
Amphipod, Gammarid, Cyphocaris sp.  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** CCJ  
**Enumerated domain value definition:**  
Amphipod, Gammarid, Cyphocaris challengerii juve  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** CCL  
**Enumerated domain value definition:**  
Calanoid, Candacia columbiae female  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** CCM  
**Enumerated domain value definition:**  
Calanoid, Candacia columbiae male  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** CCP  
**Enumerated domain value definition:**  
Calanoid, Calanus sp. copepodite



**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** CCR**Enumerated domain value definition:**

Calanoid, Neocalanus cristatus, adult

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** CCS**Enumerated domain value definition:**

Cumacea, Colurostylis sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** CCT**Enumerated domain value definition:**

Calanoid, Ctenocalanus spp. CVI male

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** CCU**Enumerated domain value definition:**

Jelly, Cnidarian or Ctenophore mush

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** CCV**Enumerated domain value definition:**

Calanoid, Neocalanus cristatus CV copepodite

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** CDI

**Enumerated domain value definition:**

Cnidaria, Diphyes sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** CEF

**Enumerated domain value definition:**

Cnidaria, Hydrozoa, Euphysa flammea

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** CEG

**Enumerated domain value definition:**

Calanoid, Centropages abdominalis, adult

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** CEH

**Enumerated domain value definition:**

Cephalopoda, general

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** CEL

**Enumerated domain value definition:**

Chaetognath, Eukhronia sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** CEN**Enumerated domain value definition:**

Calanoid, Centraugaptilus porcellus

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** CEP**Enumerated domain value definition:**

Insect, Collembola, elongate, purple

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** CER**Enumerated domain value definition:**

Gastropod, snail, Cerithiidae

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** CES**Enumerated domain value definition:**

Chaetognath, Eukhronia sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** CET**Enumerated domain value definition:**

Cnidaria, Hydrozoa, Euphysa tentaculata

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** CEU**Enumerated domain value definition:**

Chaetognath, Eukhronia sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** CFG**Enumerated domain value definition:**

Calanoid, Candacia sp. Female

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** CFN**Enumerated domain value definition:**

Bryozoa, cyphonautes larva

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** CG4**Enumerated domain value definition:**

Calanoid, Chiridius gracilis CIV copepodite

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** CGA**Enumerated domain value definition:**

Calanoid, Clausocalanus arcuicornis general

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:****Enumerated domain value:** CGC**Enumerated domain value definition:**

Amphipod, Gammarid, Calliopius

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** CGF**Enumerated domain value definition:**

Calanoid, Chiridius gracilis female

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** CGG**Enumerated domain value definition:**

Calanoid, Candacia sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** CGH**Enumerated domain value definition:**

Calanoid, Heterorhabdus sp. General

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** CGL**Enumerated domain value definition:**

Copepod, general large

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:**

**Enumerated domain value:** CGM  
**Enumerated domain value definition:**  
Decapod megalops, crab, Cancer gracilis  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** CGP  
**Enumerated domain value definition:**  
Insect, Collembola, globular, pink  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** CGR  
**Enumerated domain value definition:**  
Insect, Collembola, globular, purple  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** CGV  
**Enumerated domain value definition:**  
Calanoid, Chiridius gracilis CV copepodite  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** CGZ  
**Enumerated domain value definition:**  
Decapod zoea, crab, Cancer gracilis  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** CH1

**Enumerated domain value definition:**

Chaetognath, species unknown

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** CH2**Enumerated domain value definition:**

Chaetognath, species unknown

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** CH3**Enumerated domain value definition:**

Chaetognath, species unknown

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** CHA**Enumerated domain value definition:**

Cnidaria, Hydrozoa, Aurelia sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** CHB**Enumerated domain value definition:**

Calanoid, Heterorhabdus sp. female

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** CHE**Enumerated domain value definition:**

Cnidaria, Hydrozoa, Euphysa sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** CHF

**Enumerated domain value definition:**

Calanoid, Heterorhabdus tanneri, ad. Female

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** CHG

**Enumerated domain value definition:**

Calanoid, Heterorhabdus sp. General

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** CHH

**Enumerated domain value definition:**

Calanoid, Heterorhabdus tanneri, adult male

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** CHI

**Enumerated domain value definition:**

Insect, Chironomidae, adult

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** CHJ

**Enumerated domain value definition:**

Cnidaria, Hydrozoa, Euphysa japonica



**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** CHL**Enumerated domain value definition:**

Insect, Chironomidae, larva (naiad)

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** CHM**Enumerated domain value definition:**

Cnidaria, Hydrozoan medusae, general

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** CHN**Enumerated domain value definition:**

Cnidaria, Hydrozoa, Neoturris sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** CHP**Enumerated domain value definition:**

Insect, Chironomidae, pupa

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** CHS**Enumerated domain value definition:**

Calanoid, Chiridius sp. copepodite CI-CV

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** CHT

**Enumerated domain value definition:**

Chaetognath, species unknown

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** CIS

**Enumerated domain value definition:**

Polychaeta, Cistenides granulata

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** CLA

**Enumerated domain value definition:**

Cladocera, General

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** CLF

**Enumerated domain value definition:**

Calanoid, Clausocalanus sp. CVI female

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** CLG

**Enumerated domain value definition:**

Calanoid, Clausocalanus sp., general

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** CLM**Enumerated domain value definition:**

Calanoid, Clausocalanus sp. CVI male

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** CLN**Enumerated domain value definition:**

Calanoid, large, Neocalanus/Calanus

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** CLS**Enumerated domain value definition:**

Cnidaria, Hydrozoa, Lensia sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** CLU**Enumerated domain value definition:**

Calanoid, large, NOT Neocalanus/Calanus

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** CM**Enumerated domain value definition:**

Calanoid, Calanus marshallae general

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** CM1**Enumerated domain value definition:**

Calanoid, Calanus marshallae copepodite CI

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** CM2**Enumerated domain value definition:**

Calanoid, Calanus marshallae copepodite CII

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** CM3**Enumerated domain value definition:**

Calanoid, Calanus marshallae copepodite CI-CIII

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** CM4**Enumerated domain value definition:**

Calanoid, Calanus marshallae copepodite CI-IV

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** CMA**Enumerated domain value definition:**

Cnidaria, Muggiaea atlantica

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:****Enumerated domain value:** CMC**Enumerated domain value definition:**

Calanoid, Calanus marshallae copepodite CV

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** CMF**Enumerated domain value definition:**

Calanoid, Calanus marshallae female

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** CMG**Enumerated domain value definition:**

Calanoid, Microcalanus, general

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** CMM**Enumerated domain value definition:**

Calanoid, Calanus marshallae male

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** CMO**Enumerated domain value definition:**

Decapod, megalops Cancer oregonensis

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:**

**Enumerated domain value:** CMP

**Enumerated domain value definition:**

Calanoid, Calanus marshallae, general copepodite

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** CNC

**Enumerated domain value definition:**

Ostracod, Conchoecia sp., small

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** CNG

**Enumerated domain value definition:**

Ostracod, Conchoecia sp. General

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** CNI

**Enumerated domain value definition:**

Cnidaria, general jellyfish (x>2mm)

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** CNL

**Enumerated domain value definition:**

Ostracod, Conchoecia spp. "large"

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** CNS

**Enumerated domain value definition:**

Cnidaria, general jellyfish (x&lt;2mm)

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** CNZ**Enumerated domain value definition:**

Decapod zoea, crab, Cancridae

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** COB**Enumerated domain value definition:**

Calanoid, Oncaea borealis, general

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** COF**Enumerated domain value definition:**

Calanoid, Oncaea sp. Female

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** COG**Enumerated domain value definition:**

Copepod, general small

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** COL**Enumerated domain value definition:**

Insect, Collembola, general  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** CON  
**Enumerated domain value definition:**  
Calanoid, Oncaea sp. General  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** COR  
**Enumerated domain value definition:**  
Amphipod, Gammarid, Corophium sp.  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** COS  
**Enumerated domain value definition:**  
Calanoid, Copepodite small, general  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** CP4  
**Enumerated domain value definition:**  
Calanoid, Calanus pacificus copepodite CI-CIV  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** CPA  
**Enumerated domain value definition:**  
Calanoid, Calanus pacificus adult



**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** CPC**Enumerated domain value definition:**

Calanoid, Calanus pacificus, general

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** CPD**Enumerated domain value definition:**

Calanoid, Calanus/Neocalanus copepodids

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** CPF**Enumerated domain value definition:**

Calanoid, Calanus pacificus female

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** CPG**Enumerated domain value definition:**

Calanoid, Calanus sp. general

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** CPL**Enumerated domain value definition:**

Calanoid, Pleuromamma sp. General

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** CPM

**Enumerated domain value definition:**

Calanoid, Calanus pacificus male

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** CPO

**Enumerated domain value definition:**

Calanoid, Pontellidae

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** CPP

**Enumerated domain value definition:**

Cephalopoda, Octopus, general

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** CPR

**Enumerated domain value definition:**

Calanoid, Pleuromamma robusta, copepodite CI-CV

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** CPS

**Enumerated domain value definition:**

Cephalopoda, Squid, Theuthidida oegopsida

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** CPV**Enumerated domain value definition:**

Calanoid, Calanus pacificus copepodite CV

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** CRA**Enumerated domain value definition:**

Insect, Dipteran, Ceratopogonidae, adult

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** CRE**Enumerated domain value definition:**

Gastropod, snail, Crepidula sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** CRL**Enumerated domain value definition:**

Insect, Dipteran, Ceratopogonidae, larvae

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** CRP**Enumerated domain value definition:**

Insect, Dipteran, Ceratopogonidae, pupa

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** CRS**Enumerated domain value definition:**

Decapod, Shrimp, juv. Crangon sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** CRU**Enumerated domain value definition:**

Polychaeta, Crucigera zygophora

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** CS1**Enumerated domain value definition:**

Chaetognath, Sagitta lyre

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** CS2**Enumerated domain value definition:**

Chaetognath, Sagitta lyre

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** CS3**Enumerated domain value definition:**

Chaetognath, Sagitta lyre

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:****Enumerated domain value:** CSG**Enumerated domain value definition:**

Chaetognath, Sagitta elegans

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** CSL**Enumerated domain value definition:**

Chaetognath, Sagitta lyre

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** CSS**Enumerated domain value definition:**

Chaetognath, Sagitta scripsae

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** CTB**Enumerated domain value definition:**

Ctenophore, Beroe sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** CTE**Enumerated domain value definition:**

Ctenophore, general (&gt;2mm)

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:**

**Enumerated domain value:** CTG  
**Enumerated domain value definition:**  
Calanoid, Ctenocalanus spp. general  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** CTM  
**Enumerated domain value definition:**  
Ctenophore, only ctenes present  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** CTO  
**Enumerated domain value definition:**  
Ctenophore, general (<2mm)  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** CTT  
**Enumerated domain value definition:**  
Calanoid, Temora turbinata, general  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** CUE  
**Enumerated domain value definition:**  
Cumacea, Cumella sp.  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** CUM

**Enumerated domain value definition:**

Cumacea, general

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** CUV**Enumerated domain value definition:**

Cumacea, Cumella vulgaris

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** CYB**Enumerated domain value definition:**

Cyclosalpa bakeri

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** CYC**Enumerated domain value definition:**

Cyclopoid, general unknown

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** CYG**Enumerated domain value definition:**

Cyclopoid, general adult female

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** CYL**Enumerated domain value definition:**

Gastropod, Opisthobranchia, Cylichnidae  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** CZP  
**Enumerated domain value definition:**  
Decapod, zoea, crab, Cancer productus  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** DAG  
**Enumerated domain value definition:**  
Decapod, Anomuran general  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** DAM  
**Enumerated domain value definition:**  
Decapod, megalops, Anomuran general  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** DAZ  
**Enumerated domain value definition:**  
Decapod, zoea, Anomuran general  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** DBG  
**Enumerated domain value definition:**  
Decapod, Brachyura, general



**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** DCA**Enumerated domain value definition:**

Decapod, Shrimp, Caridea, general

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** DCB**Enumerated domain value definition:**

Decapod, zoea, Majidae, Chionoecetes bairdi

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** DCC**Enumerated domain value definition:**

Decapod, Shrimp, Crangon communis

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** DCG**Enumerated domain value definition:**

Decapod zoea, shrimp, Caridea, general

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** DCM**Enumerated domain value definition:**

Decapod, megalops, unknown crab

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** DCP

**Enumerated domain value definition:**

Decapod megalops, crab, Cancer productus

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** DDZ

**Enumerated domain value definition:**

Decapod zoea, crab, Diogenidae

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** DEA

**Enumerated domain value definition:**

Insect, Diptera, Empididae, adult

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** DEG

**Enumerated domain value definition:**

Decapod, general

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** DGB

**Enumerated domain value definition:**

Decapod, zoea, Brachyura, general

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** DGG**Enumerated domain value definition:**

Decapod glaucothoe, crab, Galatheidae

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** DHJ**Enumerated domain value definition:**

Decapod, Shrimp, Hymenodora sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** DHL**Enumerated domain value definition:**

Decapod, zoea, Majidae, Hyas lyratus

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** DHM**Enumerated domain value definition:**

Decapod megalops, crab, Hyas lyratus

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** DHZ**Enumerated domain value definition:**

Decapod, zoea, Hymenodora sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** DIA**Enumerated domain value definition:**

Cumacea, Diastylis sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** DIM**Enumerated domain value definition:**

Gastropod, Opisthobranch, Diaphana minuta

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** DIP**Enumerated domain value definition:**

Insect, Dipteran adult

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** DIS**Enumerated domain value definition:**

Cnidaria, Diaphus sp. Siphonophore

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** DJF**Enumerated domain value definition:**

Decapod, crab, Fabia subquadrata juvenile

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:****Enumerated domain value:** DLA**Enumerated domain value definition:**

Decapod, megalops, Lithodes aequispinus

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** DLG**Enumerated domain value definition:**

Decapod glaucothoe, crab, Lithodidae

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** DMA**Enumerated domain value definition:**

Decapod, megalops, Atelecyclidae

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** DMG**Enumerated domain value definition:**

Decapod, megalops, Brachyura

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** DML**Enumerated domain value definition:**

Decapod, megalops, Lithodidae

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:**

**Enumerated domain value:** DMM  
**Enumerated domain value definition:**  
Decapod, megalops, Majidae  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** DMO  
**Enumerated domain value definition:**  
Decapod, megalops crab molt  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** DMP  
**Enumerated domain value definition:**  
Decapod, megalops, Paguridae  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** DMQ  
**Enumerated domain value definition:**  
Decapod, Anomuran, Munida quadraspina  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** DMT  
**Enumerated domain value definition:**  
Decapod, megalops, Telmessus cheiragonus  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** DMX

**Enumerated domain value definition:**

Decapod, megalops, crab, Pinnixa

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** DNG**Enumerated domain value definition:**

Decapod, Natantia, general

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** DOL**Enumerated domain value definition:**

Thaliacea, Doliolidae, unidentified

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** DOM**Enumerated domain value definition:**

Decapod, megalops, Majidae, Oregonia

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** DPB**Enumerated domain value definition:**

Decapod, zoea, Lithodidae, Paralithodes brevipes

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** DPC**Enumerated domain value definition:**

Decapod, zoea, Lithodidae, Paralithodes camtschaticus  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** DPE  
**Enumerated domain value definition:**  
Decapod echinata larvae, Paracrangon  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** DPG  
**Enumerated domain value definition:**  
Decapod, glaucothoe, Pagurid  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** DPL  
**Enumerated domain value definition:**  
Insect, Dipteran larvae  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** DPM  
**Enumerated domain value definition:**  
Decapod megalops, crab, Porcellanidae  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** DPP  
**Enumerated domain value definition:**  
Insect, Dipteran pupae



**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** DPZ**Enumerated domain value definition:**

Decapod zoea, shrimp, Pandalopsis, general

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** DRA**Enumerated domain value definition:**

Insect, Diptera, Rhagionidae adult

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** DRW**Enumerated domain value definition:**

Decapod zoea, crab, Rhinolithodes wosnesenskii

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** DSC**Enumerated domain value definition:**

Decapoda, Shrimp, Crangonidae

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** DSE**Enumerated domain value definition:**

Decapod, Shrimp, Hippolytid, Eualus avinus

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** DSP

**Enumerated domain value definition:**

Decapod, Shrimp, Pasiphaeidae sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** DSS

**Enumerated domain value definition:**

Decapod, Shrimp, Sergestes sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** DTM

**Enumerated domain value definition:**

Diatom, general

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** DUG

**Enumerated domain value definition:**

Decapod, zoea, unknown general

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** DXM

**Enumerated domain value definition:**

Decapod megalops, crab, Xanthidae

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** DXZ**Enumerated domain value definition:**

Decapod zoea, crab, Xanthidae

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** DZA**Enumerated domain value definition:**

Decapod, zoea, Atelecyclidae

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** DZB**Enumerated domain value definition:**

Decapod zoea, crab, Brachyrrhyncha

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** DZC**Enumerated domain value definition:**

Decapod zoea, Shrimp, Crangonidae

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** DZG**Enumerated domain value definition:**

Decapod zoea, crab, general unknown

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** DZM**Enumerated domain value definition:**

Decapod, zoea, Majidae

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** DZP**Enumerated domain value definition:**

Decapod zoea, crab, Pisinae

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** DZT**Enumerated domain value definition:**

Decapod, zoea, Telmessus cheiragonus

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** E4C**Enumerated domain value definition:**

Calanoid, Eucalanus bungii, CIV general

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** E4F**Enumerated domain value definition:**

Calanoid, Eucalanus bungii, CIV female

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:****Enumerated domain value:** E4M**Enumerated domain value definition:**

Calanoid, Eucalanus bungii, CIV male

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** E5F**Enumerated domain value definition:**

Calanoid, Eucalanus bungii, copepodite CV female

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** E5M**Enumerated domain value definition:**

Calanoid, Eucalanus bungii, copepodite CV male

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** EAG**Enumerated domain value definition:**

Echinodermata general

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** EAJ**Enumerated domain value definition:**

Echinodermata, Asteroidea, juvenile

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:**

**Enumerated domain value:** EAS  
**Enumerated domain value definition:**  
Echinodermata, Asteroidea  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** EB1  
**Enumerated domain value definition:**  
Calanoid, Eucalanus bungii, CI copepodite  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** EB2  
**Enumerated domain value definition:**  
Calanoid, Eucalanus bungii, CII copepodite  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** EB3  
**Enumerated domain value definition:**  
Calanoid, Eucalanus bungii, CIII copepodite  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** EB5  
**Enumerated domain value definition:**  
Calanoid, Eucalanus bungii, copepodite CV general  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** EBC

**Enumerated domain value definition:**

Calanoid, Eucalanus bungii, copepodite

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** EBF**Enumerated domain value definition:**

Calanoid, Eucalanus bungii, female

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** EBG**Enumerated domain value definition:**

Calanoid, Eucalanus bungii, gravid female

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** EBJ**Enumerated domain value definition:**

Echinodermata, brittlestar juvenile

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** EBL**Enumerated domain value definition:**

Echinodermata, Bipinnaria larvae

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** EBM**Enumerated domain value definition:**

Calanoid, Eucalanus bungii, male  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** EBP  
**Enumerated domain value definition:**  
Echinodermata, Brittlestar pluteus  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** EC4  
**Enumerated domain value definition:**  
Calanoid, Eucalanus californicus, CI-IV copepodites  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** EC5  
**Enumerated domain value definition:**  
Calanoid, Eucalanus californicus, CV copepodite  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** ECC  
**Enumerated domain value definition:**  
Calanoid, Euchaeta elongata copepodite CV  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** ECF  
**Enumerated domain value definition:**  
Calanoid, Euchaeta elongata, female



**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** ECG**Enumerated domain value definition:**

Calanoid, Euchaeta elongata, gravid female

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** ECH**Enumerated domain value definition:**

Echinodermata, Echinoidea, gen. sea urchin

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** ECL**Enumerated domain value definition:**

Echinodermata, larvae general

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** ECM**Enumerated domain value definition:**

Calanoid, Euchaeta elongata, male

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** EE3**Enumerated domain value definition:**

Calanoid, Euchaeta elongata copepodite, CI-CIII

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** EE4

**Enumerated domain value definition:**

Calanoid, Euchaeta elongata CIV copepodite

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** EEF

**Enumerated domain value definition:**

Calanoid, Euchaeta elongata, female CV copepodite

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** EEL

**Enumerated domain value definition:**

Echinodermata, Echinopluteus larvae

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** EEM

**Enumerated domain value definition:**

Calanoid, Euchaeta elongata copepodite CV male

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** EF4

**Enumerated domain value definition:**

Calanoid, Euchaeta californica copepodites CI-CIV

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** EF5**Enumerated domain value definition:**

Calanoid, Eucalanus californicus, CV female

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** EFF**Enumerated domain value definition:**

Calanoid, Euchaeta californica adult female

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** EFG**Enumerated domain value definition:**

Calanoid, Euchaeta californica gravid female

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** EFM**Enumerated domain value definition:**

Calanoid, Euchaeta californica adult male

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** EFU**Enumerated domain value definition:**

Calanoid, Euchaeta elongata, CIV female

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** EFV**Enumerated domain value definition:**

Calanoid, Euchaeta californica copepodite CV

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** EGC**Enumerated domain value definition:**

Calanoid, Eucalanus, general, copepodite

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** EGF**Enumerated domain value definition:**

Calanoid, Euchaeta sp. female adult

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** EGG**Enumerated domain value definition:**

Unknown invertebrate egg, small (&lt;0.2mm)

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** EGJ**Enumerated domain value definition:**

Mysidae, Eucopia grimaldii, juvenile

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:****Enumerated domain value:** EGL**Enumerated domain value definition:**

Unknown invertebrate egg, large (&gt;0.2mm)

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** EK1**Enumerated domain value definition:**

Chaetognath, Eukrohnia hamata

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** EK2**Enumerated domain value definition:**

Chaetognath, Eukrohnia hamata

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** EKH**Enumerated domain value definition:**

Chaetognath, Eukrohnia hamata

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** ELA**Enumerated domain value definition:**

Decapod, Pagurid, Ellassochirus tenuimanus

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:**

**Enumerated domain value:** EM5  
**Enumerated domain value definition:**  
Calanoid, Eucalanus californicus, CV male  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** EMP  
**Enumerated domain value definition:**  
DUMMY FOR EMPTY STOMACH  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** EMU  
**Enumerated domain value definition:**  
Calanoid, Euchaeta elongata, CIV male  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** EOJ  
**Enumerated domain value definition:**  
Echinodermata, Ophiuroid, juvenile  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** EOL  
**Enumerated domain value definition:**  
Echinodermata, Ophiuroid, larva  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** EP1

**Enumerated domain value definition:**

Euphausiid, E. pacifica small

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** EP2**Enumerated domain value definition:**

Euphausiid, E. pacifica medium

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** EP3**Enumerated domain value definition:**

Euphausiid, E. pacifica large

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** EPA**Enumerated domain value definition:**

Calanoid, Epilabidocera longipedata adult

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** EPC**Enumerated domain value definition:**

Calanoid, Epilabidocera longipedata, copepodite

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** EPF**Enumerated domain value definition:**

Calanoid, Epilabidocera longipedata, female  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** EPG

**Enumerated domain value definition:**

Euphausiid, Euphausia pacifica, adult or juvenile

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** EPH

**Enumerated domain value definition:**

Cnidaria ephyra larva

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** EPI

**Enumerated domain value definition:**

Calanoid, Epilabidocera longipedata, general

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** EPM

**Enumerated domain value definition:**

Calanoid, Epilabidocera longipedata, male

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** EPN

**Enumerated domain value definition:**

Insect, Ephemeroptera, Potamanthidae



**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** EPP**Enumerated domain value definition:**

Euphausiid, Euphausia pacifica, GENERAL

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** EPT**Enumerated domain value definition:**

Cnidaria, Eperetmus typus

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** EPX**Enumerated domain value definition:**

Euphausiid, E. pacifica x-small

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** ERF**Enumerated domain value definition:**

Calanoid, Euchirella rostrata female

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** ES4**Enumerated domain value definition:**

Calanoid, Euchaeta spinosa copepodites CI-CIV

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** ESC

**Enumerated domain value definition:**

Calanoid, Euchaeta spinosa, copepodite

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** ESF

**Enumerated domain value definition:**

Calanoid, Euchaeta spinosa adult female

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** ESG

**Enumerated domain value definition:**

Calanoid, Euchaeta sp. General

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** ESM

**Enumerated domain value definition:**

Calanoid, Euchaeta spinosa adult male

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** ESP

**Enumerated domain value definition:**

Euphausiid spermatophore

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** EST**Enumerated domain value definition:**

Euphausiid, Stylocheiron sp., juvenile

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** ESV**Enumerated domain value definition:**

Calanoid, Euchaeta spinosa CV copepodite

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** EU1**Enumerated domain value definition:**

Euphausiid egg

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** EU2**Enumerated domain value definition:**

Euphausiid nauplii

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** EU3**Enumerated domain value definition:**

Euphausiid calytopis

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** EU4**Enumerated domain value definition:**

Euphausiid furcilia

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** EUA**Enumerated domain value definition:**

Decapod, Shrimp, Hippolytid, Eualus sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** EUB**Enumerated domain value definition:**

Calanoid, Eucalanus bungii, general

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** EUC**Enumerated domain value definition:**

Calanoid, Euchaeta sp. Copepodite

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** EUE**Enumerated domain value definition:**

Calanoid, Euchaeta elongata, general

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:****Enumerated domain value:** EUF**Enumerated domain value definition:**

Decapod, Shrimp, Hippolytid, Eualus fabricii

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** EUG**Enumerated domain value definition:**

Mysidae, Eucopia grimaldii

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** EUJ**Enumerated domain value definition:**

Euphausiid juvenile, general

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** EUK**Enumerated domain value definition:**

Chaetognath, Eukhronia hamata

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** EUP**Enumerated domain value definition:**

Euphausiid, general unknown

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:**

**Enumerated domain value:** EUS  
**Enumerated domain value definition:**  
Euphausiid, general small (10-17mm)  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**

**Enumerated domain:**  
**Enumerated domain value:** EUT  
**Enumerated domain value definition:**  
Decapod, Shrimp, Hippo., Eualus townsendi  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**

**Enumerated domain:**  
**Enumerated domain value:** EUU  
**Enumerated domain value definition:**  
Decapod, Shrimp, Hippolytid, Eualus biunguis  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**

**Enumerated domain:**  
**Enumerated domain value:** EVD  
**Enumerated domain value definition:**  
Cladoceran, Evadne sp.  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**

**Enumerated domain:**  
**Enumerated domain value:** EXO  
**Enumerated domain value definition:**  
Polychaeta, Syllidae, Exogone sp.  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**

**Enumerated domain:**  
**Enumerated domain value:** EYC

**Enumerated domain value definition:**

Calanoid, Eurytemora pacifica, copepodite

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** EYF**Enumerated domain value definition:**

Calanoid, Eurytemora pacifica female

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** EYG**Enumerated domain value definition:**

Calanoid, Eurytemora pacifica, gravid female

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** EYM**Enumerated domain value definition:**

Calanoid, Eurytemora pacifica male

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** EYT**Enumerated domain value definition:**

Calanoid, Eurytemora pacifica, general

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** FAG**Enumerated domain value definition:**

Fish, Agonidae sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** FAV

**Enumerated domain value definition:**

Fish, Aptocyclus ventricosus

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** FBA

**Enumerated domain value definition:**

Fish, Bathylagidae sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** FBI

**Enumerated domain value definition:**

Fish, Bathyagonus infraspinus

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** FBM

**Enumerated domain value definition:**

Fish, Bathymasteridae sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** FCO

**Enumerated domain value definition:**

Fish, Cottidae sp.



**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** FCS**Enumerated domain value definition:**

Fish, Cyclopteridae sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** FCY**Enumerated domain value definition:**

Fish, Cyclopteridae sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** FEC**Enumerated domain value definition:**

Calanoid, Eucalanus californicus, female

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** FFL**Enumerated domain value definition:**

Fish, flatfish larvae (Pleuronectiform)

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** FGG**Enumerated domain value definition:**

Fish, general gadid

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** FGL

**Enumerated domain value definition:**

Fish, Glyptocephalus sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** FGM

**Enumerated domain value definition:**

Fish, Pacific cod

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** FH1

**Enumerated domain value definition:**

Fish, herring juvenile (41-60mm)

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** FH2

**Enumerated domain value definition:**

Fish, herring juvenile (61-80mm)

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** FH3

**Enumerated domain value definition:**

Fish, herring juvenile (81-100mm)

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** FHE**Enumerated domain value definition:**

Fish, Hemilepidotus sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** FHI**Enumerated domain value definition:**

Fish, Hippoglossoides sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** FIL**Enumerated domain value definition:**

Fish, elongate larva

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** FIS**Enumerated domain value definition:**

Fish, robust larva

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** FLA**Enumerated domain value definition:**

Fish, Limanda aspera

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** FLE**Enumerated domain value definition:**

Fish, Leuroglossus sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** FLF**Enumerated domain value definition:**

Fish, Lycodapus fierasfer

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** FLG**Enumerated domain value definition:**

Fish, larva, general

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** FLI**Enumerated domain value definition:**

Fish, Liparidae

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** FLM**Enumerated domain value definition:**

Fish, Lycodapus mandibularis

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:****Enumerated domain value:** FLP**Enumerated domain value definition:**Fish, *Lepidopsetta polyxystra***Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** FLS**Enumerated domain value definition:**Fish, *Leuroglossus schmidti***Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** FMY**Enumerated domain value definition:**

Fish, Myctophidae

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** FMZ**Enumerated domain value definition:**Fish, *Malacocottus zonurus***Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** FNL**Enumerated domain value definition:**Fish, *Nannobranchium leucopsarum***Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:**

**Enumerated domain value:** FNS  
**Enumerated domain value definition:**  
Fish, Nectoliparis sp.  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** FOC  
**Enumerated domain value definition:**  
unknown-code in 2309 check with Won  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** FOR  
**Enumerated domain value definition:**  
Foraminifera  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** FOS  
**Enumerated domain value definition:**  
Fish, Osmeridae sp.  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** FPG  
**Enumerated domain value definition:**  
Fish, Ptilichthys goodei  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** FPR

**Enumerated domain value definition:**

Calanoid, Pleuromamma robusta, female

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** FPS**Enumerated domain value definition:**

Fish, Psychrolutes sigalutes

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** FPT**Enumerated domain value definition:**

Fish, Pacific tomcod

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** FRL**Enumerated domain value definition:**

Fish, rockfish larvae

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** FRT**Enumerated domain value definition:**

Larvacea, Fritilaria sp. (borealis)

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** FSB**Enumerated domain value definition:**

Calanoid, Spinocalanus brevicaudatus, female  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** FSC

**Enumerated domain value definition:**

Fish, chum fry in stomach

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** FSE

**Enumerated domain value definition:**

Fish egg

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** FSF

**Enumerated domain value definition:**

Fish, Platichthys stellatus

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** FSG

**Enumerated domain value definition:**

Fish, larval gadid

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** FSJ

**Enumerated domain value definition:**

Fish, juvenile, general



**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** FSL**Enumerated domain value definition:**

Fish, small juvenile/larva, general

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** FSM**Enumerated domain value definition:**

Decapod megalops, crab, Fabia subquadrata

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** FSP**Enumerated domain value definition:**

Fish, pink fry in stomach

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** FSR**Enumerated domain value definition:**

Fish, Scorpaenidae, gen. rockfish spp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** FST**Enumerated domain value definition:**

Fish, Stichaeidae, general pricklebacks

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** FSZ

**Enumerated domain value definition:**

Decapod zoea, crab, Fabia subquadrata

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** FTH

**Enumerated domain value definition:**

Fish, Theragra sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** FW1

**Enumerated domain value definition:**

Fish, walleye pollock, (21-40mm)

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** FW2

**Enumerated domain value definition:**

Fish, walleye pollock, (41-60mm)

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** FW3

**Enumerated domain value definition:**

Fish, walleye pollock, (61-80mm)

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** FW4**Enumerated domain value definition:**

Fish, walleye pollock, (81-100mm)

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** FW5**Enumerated domain value definition:**

Fish, walleye pollock, (101-120mm)

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** FWJ**Enumerated domain value definition:**

Fish, walleye pollock, juvenile

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** FWL**Enumerated domain value definition:**

Flatworm larvae

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** FWP**Enumerated domain value definition:**

Fish, walleye pollock

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** FWS**Enumerated domain value definition:**

Fish, walleye pollock, (&lt;21mm)

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** G5F**Enumerated domain value definition:**

Calanoid, Gaetanus intermedia CV female

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** G5M**Enumerated domain value definition:**

Calanoid, Gaetanus intermedia CV male

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** GA1**Enumerated domain value definition:**

Amphipod, Gammarid, unknown, small

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** GA2**Enumerated domain value definition:**

Amphipod, Gammarid, unknown, medium

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:****Enumerated domain value:** GA3**Enumerated domain value definition:**

Amphipod, Gammarid, unknown, large

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** GAG**Enumerated domain value definition:**

Amphipod, Gammarid, general gravid

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** GAJ**Enumerated domain value definition:**

Amphipod, Gammarid, Jassa sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** GAM**Enumerated domain value definition:**

Amphipod, Gammarid head

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** GAP**Enumerated domain value definition:**

Amphipod, Gammarid, Ampithoe

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:**

**Enumerated domain value:** GAS  
**Enumerated domain value definition:**  
Gastropod, Large  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** GAU  
**Enumerated domain value definition:**  
Amphipod, Gammarid, unknown, no size  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** GCL  
**Enumerated domain value definition:**  
Gastropod, Pteropoda, Clione limacina  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** GCO  
**Enumerated domain value definition:**  
Gastropod, Columbelloidea  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** GCP  
**Enumerated domain value definition:**  
Gastropod, Pteropoda, Clione sp.  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** GEC

**Enumerated domain value definition:**

Gastropod, egg case (Littorina)

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** GES**Enumerated domain value definition:**

Gastropod, Echinospira sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** GGG**Enumerated domain value definition:**

Gastropod, Gymnosomata general

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** GGP**Enumerated domain value definition:**

Gastropod, Gastroteron pacificum

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** GHA**Enumerated domain value definition:**

Gastropod, Heteropoda, Atlanta peroni

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** GHY**Enumerated domain value definition:**

Amphipod, Gammarid, Hyperiopis sp.  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** GI4

**Enumerated domain value definition:**

Calanoid, Gaetanus intermedia CI-CIV copepodite

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** GIA

**Enumerated domain value definition:**

Calanoid, Gaetanus intermedia, adult

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** GIF

**Enumerated domain value definition:**

Calanoid, Gaetanus intermedia adult female

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** GIG

**Enumerated domain value definition:**

Amphipod, Gammarid Ischyrocerus, gravid

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** GIM

**Enumerated domain value definition:**

Calanoid, Gaetanus intermedia adult male



**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** GIT**Enumerated domain value definition:**

Amphipod, Gammarid, Ischyrocerus type

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** GIV**Enumerated domain value definition:**

Calanoid, Gaetanus intermedia CV copepodite

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** GKM**Enumerated domain value definition:**

Amphipod, Gammarid, Koroga macrope

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** GLG**Enumerated domain value definition:**

Gastropod, Pteropoda, Limacina sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** GLJ**Enumerated domain value definition:**

Gastropod, Pteropoda, Limacina sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** GLV

**Enumerated domain value definition:**

Gastropod, lamellabranched veliger

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** GMC

**Enumerated domain value definition:**

Calanoid, Mesocalanus sp. General

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** GNG

**Enumerated domain value definition:**

Gastropod, Nudibranch, larvae, general

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** GOG

**Enumerated domain value definition:**

Cyclopoid, Corycaeus sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** GON

**Enumerated domain value definition:**

Cnidaria, Hydrozoa, gonophore

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** GPC**Enumerated domain value definition:**

Gastropod, Pteropoda, Clio sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** GPN**Enumerated domain value definition:**

Gastropod, Gymnosomata, Pneumodermopsis sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** GPT**Enumerated domain value definition:**

Gastropod, Pteropod, Thecosomata general

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** GPV**Enumerated domain value definition:**

Calanoid, Gaetanus pileatus copepodite CI-CV

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** GRA**Enumerated domain value definition:**

Gastropod, Granulina margaritula

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** GSA**Enumerated domain value definition:**

Gastropda, general adult

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** GSB**Enumerated domain value definition:**

Gastropod, juv. snail w/ black pigment

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** GSE**Enumerated domain value definition:**

Gastropod, juv. 'snail' in epibenthos

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** GSI**Enumerated domain value definition:**

Amphipod, Gammarid, Stegocephalus inflata

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** GST**Enumerated domain value definition:**

Gastropod, general juvenile (SNAIL)

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:****Enumerated domain value:** GSZ**Enumerated domain value definition:**

Gastropod, juv. 'snail' in zooplankton

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** GTA**Enumerated domain value definition:**

Gastropod, Thecosomata, Limacinidae

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** GTJ**Enumerated domain value definition:**

Gastropod, Thecosomata, Limacinidae

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** GTV**Enumerated domain value definition:**

Gastropod, Thecosomata, veliger

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** GUE**Enumerated domain value definition:**

Amphipod, Gammarid, Guerneia sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:**

**Enumerated domain value:** GUF  
**Enumerated domain value definition:**  
Gastropod, unknown flesh  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** GUL  
**Enumerated domain value definition:**  
Gastropod, unknown tissue  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** GVC  
**Enumerated domain value definition:**  
Calanoid, Gaidius variabilis, copepodite CI-CV  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** GVE  
**Enumerated domain value definition:**  
Gastropod, Velutina sp., veliger  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** GVF  
**Enumerated domain value definition:**  
Calanoid, Gaidius variabilis, female  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** HAC

**Enumerated domain value definition:**

Cnidaria, Hydrozoa, Aegina citrea

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** HAD**Enumerated domain value definition:**

Cnidaria, Hydrozoa, Aglantha digitale

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** HAG**Enumerated domain value definition:**

Cnidaria, Hydrozoa, Aglantha sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** HAL**Enumerated domain value definition:**

Amphipod, Gammarid, Halirages bungei

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** HAS**Enumerated domain value definition:**

Cnidaria, Hydrozoa, Aequorea sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** HAU**Enumerated domain value definition:**

Harpacticoid, Harpacticus uniremis  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** HAV  
**Enumerated domain value definition:**  
Cnidaria, Hydrozoa, Aequorea victoria  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** HBO  
**Enumerated domain value definition:**  
Cnidaria, Hydrozoa, Bougainvillia sp.  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** HCP  
**Enumerated domain value definition:**  
Harpacticoid, general clasping pair  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** HCS  
**Enumerated domain value definition:**  
Amphipod, Hyperiid, Cranocephalus sp.  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** HDG  
**Enumerated domain value definition:**  
Harpacticoid, Dactylopodia gravid female



**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** HDP**Enumerated domain value definition:**

Harpacticoid, Dactylopodia, general

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** HEA**Enumerated domain value definition:**

Calanoid, Heterostylites major, male

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** HEC**Enumerated domain value definition:**

Harpacticoid, Ectinosomatidae

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** HEF**Enumerated domain value definition:**

Calanoid, Heterostylites major, female

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** HEG**Enumerated domain value definition:**

Harpacticoid, Ectinosomatid, gravid

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** HEI

**Enumerated domain value definition:**

Cnidaria, Hydrozoa, Eutonina indicans

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** HEL

**Enumerated domain value definition:**

Calanoid, Heterorhabdus sp. Male

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** HEM

**Enumerated domain value definition:**

Harpacticoid, general eggsac

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** HEP

**Enumerated domain value definition:**

Decapod, Shriimp, Hippolytid, Heptacarpus sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** HER

**Enumerated domain value definition:**

Fish, Clupea harengus pallasii (herring)

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** HES**Enumerated domain value definition:**

Polychaeta, Hesionidae

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** HHG**Enumerated domain value definition:**

Amphipod, Hyperidea, unknown general

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** HHL**Enumerated domain value definition:**

Amphipod, Hyperiid, Hyperoche sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** HHS**Enumerated domain value definition:**

Amphipod, Hyperiid, Hyperoche sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** HIA**Enumerated domain value definition:**

Bivalve, Hiatella arctica

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** HIE**Enumerated domain value definition:**

Decapod zoea, Shrimp, Hippolytidae

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** HLE**Enumerated domain value definition:**

Cnidaria, Hydrozoa, Leuckartiara sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** HMF**Enumerated domain value definition:**

Amphipod, Hyperiid, Hyperoche medusarum, F

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** HMG**Enumerated domain value definition:**

Amphipod, Hyperiid, Hyperoche medusarum, GF

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** HML**Enumerated domain value definition:**

Decapod, mysis larvae, Shrimp, Hippolytidae

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:****Enumerated domain value:** HMM**Enumerated domain value definition:**

Amphipod, Hyperiid, Hyperoche medusarum, male

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** HMO**Enumerated domain value definition:**

Cnidaria, Hydrozoa, Melicertum octocostatum

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** HNB**Enumerated domain value definition:**

Cnidaria, Hydrozoa, Neoturris brevicanis

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** HOB**Enumerated domain value definition:**

Cnidaria, Hydrozoa, Obelia sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** HOM**Enumerated domain value definition:**

Insect, Homopteran

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:**

**Enumerated domain value:** HP  
**Enumerated domain value definition:**  
Amphipod, Hyperiid, Hyperia sp.  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** HPF  
**Enumerated domain value definition:**  
Amphipod, Hyperia medusarum, gravid F  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** HPG  
**Enumerated domain value definition:**  
Amphipod, Hyperiid, Paraphoronima sp.  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** HPH  
**Enumerated domain value definition:**  
Cnidaria, Hydrozoa, Phialidium sp.  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** HPJ  
**Enumerated domain value definition:**  
Amphipod, Hyperiid, Hyperia sp. juvenile  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** HPM

**Enumerated domain value definition:**

Amphipod, Hyperiid, Hyperoche medusarum

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** HPO**Enumerated domain value definition:**

Cnidaria, Hydrozoa, Polyorchis penicillatus

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** HPP**Enumerated domain value definition:**

Amphipod, Gammarid, Hippomedon sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** HPS**Enumerated domain value definition:**

Amphipod, Hyperiid, Phronima sedentaria, female

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** HPT**Enumerated domain value definition:**

Decapod, Shrimp, Hippolytid, He. Tenuissimus

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** HR**Enumerated domain value definition:**

Harpacticoid, general, unknown stage  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** HRC  
**Enumerated domain value definition:**  
Harpacticoid, general copepodite  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** HRE  
**Enumerated domain value definition:**  
Harpacticoid, general gravid (eggs)  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** HRF  
**Enumerated domain value definition:**  
Harpacticoid, Harpacticus female adult  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** HRG  
**Enumerated domain value definition:**  
Harpacticoid, Harpacticus gravid female  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** HRJ  
**Enumerated domain value definition:**  
Harpacticoid, Harpacticus copepodite



**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** HRM**Enumerated domain value definition:**

Harpacticoid, Harpacticus male adult

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** HRN**Enumerated domain value definition:**

Harpacticoid, general nauplius

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** HRP**Enumerated domain value definition:**

Harpacticoid, general adult

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** HRS**Enumerated domain value definition:**

Harpacticoid, Harpacticus sp. General adult

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** HSO**Enumerated domain value definition:**

Cnidaria, Hydrozoa, Solmissus sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** HSP

**Enumerated domain value definition:**

Cnidaria, Hydrozoa, Sarsia princeps

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** HSS

**Enumerated domain value definition:**

Harpacticoid, Saphirina sp. General

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** HST

**Enumerated domain value definition:**

Cnidaria, Hydrozoa, Stomotoca atra

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** HSU

**Enumerated domain value definition:**

Harpacticoid, Harpacticus sp., unknown stage

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** HTC

**Enumerated domain value definition:**

Calanoid, Heterorhabdus tanneri, copepodites CI-CV

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** HTF**Enumerated domain value definition:**

Calanoid, Heterorhabdus robustoides, female

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** HTG**Enumerated domain value definition:**

Calanoid, Heterorhabdus robustoides

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** HTH**Enumerated domain value definition:**

Cnidaria, Hydrozoa, Thecata sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** HTM**Enumerated domain value definition:**

Calanoid, Heterorhabdus robustoides, male

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** HTS**Enumerated domain value definition:**

Cnidaria, Halitholus sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** HTV**Enumerated domain value definition:**

Calanoid, Heterorhabdus sp., copepodites CI-CV

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** HUB**Enumerated domain value definition:**

Harpacticoid, general unknown, brown

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** HUF**Enumerated domain value definition:**

Harpacticoid, general, unknown female

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** HUM**Enumerated domain value definition:**

Harpacticoid, general, unknown male

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** HYA**Enumerated domain value definition:**

Amphipod, Hyperiid, unknown LARGE

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:****Enumerated domain value:** HYB**Enumerated domain value definition:**

Amphipod, Hyperiid, unknown SMALL

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** HYD**Enumerated domain value definition:**

Cnidaria, Hydrozoan, general hydroid

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** HYL**Enumerated domain value definition:**

Amphipod, Gammarid, Hyale sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** HYM**Enumerated domain value definition:**

Amphipod, Hyperiid, Hyperia medusarum

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** HYP**Enumerated domain value definition:**

Amphipod, Hyperiid, unknown MEDIUM

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:**

**Enumerated domain value:** HYS  
**Enumerated domain value definition:**  
Cnidaria, Hydrozoa, Sarsia sp.  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** HYZ  
**Enumerated domain value definition:**  
Cnidaria, hydrozoan zooid  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** HZA  
**Enumerated domain value definition:**  
Harpacticoid, Zaus, general adult  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** HZC  
**Enumerated domain value definition:**  
Harpacticoid, Zaus copepodite  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** HZF  
**Enumerated domain value definition:**  
Harpacticoid, Zaus female adult  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** HZG

**Enumerated domain value definition:**

Harpacticoid, Zaus gravid female

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** HZM**Enumerated domain value definition:**

Harpacticoid, Zaus male adult

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** HZP**Enumerated domain value definition:**

Harpacticoid, Zaus clasping pair

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** HZZ**Enumerated domain value definition:**

Harpacticoid, Zaus sp. general

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** ICA**Enumerated domain value definition:**

Insect, Coleoptera adult

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** ICD**Enumerated domain value definition:**

Insect, Coleoptera, Dytiscidae  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** ICL  
**Enumerated domain value definition:**  
Insect, Coleoptera larva  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** IDG  
**Enumerated domain value definition:**  
Insect, Diptera, Dolichopodidae adult  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** IEP  
**Enumerated domain value definition:**  
Insect, Ephemeroptera, adult  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** IGN  
**Enumerated domain value definition:**  
Isopod, Gnorimosphaeroma species  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** IHA  
**Enumerated domain value definition:**  
Isopod, Holophryxus alaskansis



**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** IHF**Enumerated domain value definition:**

Insect, Dipteran, Tabanidae

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** IHG**Enumerated domain value definition:**

Insect, Hemiptera

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** IHP**Enumerated domain value definition:**

Insect, Hemiptera, Pleidae

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** IHY**Enumerated domain value definition:**

Insect, Hymenoptera adult

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** ILA**Enumerated domain value definition:**

Insect, Lepidoptera adult

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** ILL

**Enumerated domain value definition:**

Insect, Lepidoptera larvae

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** ILU

**Enumerated domain value definition:**

Insect, larva, unknown

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** INS

**Enumerated domain value definition:**

Insect, general unknown

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** IPA

**Enumerated domain value definition:**

Insect, Plecoptera adult

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** IPE

**Enumerated domain value definition:**

Insect, Ephemeroptera, pupa

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** IPG**Enumerated domain value definition:**

Insect, Plecoptera pupa

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** IPP**Enumerated domain value definition:**

Insect, Plecoptera Peltoperlidae nymph

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** IPU**Enumerated domain value definition:**

Insect, pupa, general unknown

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** IRE**Enumerated domain value definition:**

Cnidaria, Eirene indicans

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** IRF**Enumerated domain value definition:**

Cnidaria, Eirene flavicirratu(indicans)

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** IRS**Enumerated domain value definition:**

Isopod, Rocinela sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** ISA**Enumerated domain value definition:**

Insect, Simuliidae adult

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** ISC**Enumerated domain value definition:**

Isopod, (Epicarid) Cryptoniscid larva

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** ISI**Enumerated domain value definition:**

Isopod, Idothea or similar form

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** ISP**Enumerated domain value definition:**

Isopod, general unknown

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:****Enumerated domain value:** ITA**Enumerated domain value definition:**

Insect, Trichoptera adult

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** IUL**Enumerated domain value definition:**

Insect, unknown, large

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** IUS**Enumerated domain value definition:**

Insect, unknown, small

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** JCP**Enumerated domain value definition:**

Ctenophore, Pleurobrachidae

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** JRO**Enumerated domain value definition:**

Jelly, reproductive organs

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:**

**Enumerated domain value:** LAC  
**Enumerated domain value definition:**  
Harpacticoid, Laophontidae, copepodite  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** LAG  
**Enumerated domain value definition:**  
Harpacticoid, Laophontidae, gravid fem.  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** LAM  
**Enumerated domain value definition:**  
Cumacea, Lamprops sp.  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** LAO  
**Enumerated domain value definition:**  
Harpacticoid, Laophontidae, adult  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** LBM  
**Enumerated domain value definition:**  
Decapod megalops, crab, Lophopanopeus bellus  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** LBZ

**Enumerated domain value definition:**

Decapod zoea, crab, Lophopanopeus bellus

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** LCC**Enumerated domain value definition:**

Calanoid, large general copepodite

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** LCU**Enumerated domain value definition:**

Gastropod, Lacuna sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** LEB**Enumerated domain value definition:**

Decapod, Shrimp, Hippolytid, Lebbeus sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** LEU**Enumerated domain value definition:**

Cumacea, Leucon sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** LFF**Enumerated domain value definition:**

Calanoid, Lophothrix frontalis, female  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** LFG  
**Enumerated domain value definition:**  
Calanoid, Lophothrix frontalis, general  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** LIZ  
**Enumerated domain value definition:**  
Decapod zoea, Anomuran, Lithodidae  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** LM2  
**Enumerated domain value definition:**  
Gastropod, Pteropoda, Limacina helicina (2-4mm)  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** LM3  
**Enumerated domain value definition:**  
Gastropod, Pteropoda, Limacina helicina (>4mm)  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** LMA  
**Enumerated domain value definition:**  
Gastropod, Pteropoda, Limacina helicina A



**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** LMG**Enumerated domain value definition:**

Gastropod, Pteropoda, Limacina helicina

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** LMJ**Enumerated domain value definition:**

Gastropod, Pteropoda, Limacina helicina J

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** LOT**Enumerated domain value definition:**

Gastropod, Lottidae

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** LPT**Enumerated domain value definition:**

Leptostraca, Nebaliidae family

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** LRV**Enumerated domain value definition:**

Larvacea, general unknown

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** LUC

**Enumerated domain value definition:**

Calanoid, Lucicutia flavicornis

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** LUM

**Enumerated domain value definition:**

Polychaeta, Lumbrineridae

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** LUS

**Enumerated domain value definition:**

Polychaeta, Lumbrineris sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** LYO

**Enumerated domain value definition:**

Bivalve, Lyonsia bracteata (californica)

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** MAA

**Enumerated domain value definition:**

Mysidae, Amblyops abbreviata

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** MAB**Enumerated domain value definition:**

Gastropod, snail, Margarites beringensis

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** MAC**Enumerated domain value definition:**

Mysidae, Acanthomysis pseudomacropis

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** MAE**Enumerated domain value definition:**

Malacostraca, eyes only

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** MAF**Enumerated domain value definition:**

Calanoid, Scaphocalanus magnus female

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** MAG**Enumerated domain value definition:**

Decapod zoea, crab, Cancer magister

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** MAL**Enumerated domain value definition:**

Malacostraca

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** MAM**Enumerated domain value definition:**

Mysidae, Alienacanthomysis macropsis

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** MAP**Enumerated domain value definition:**

Gastropod, snail, Margarites pupillus

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** MAS**Enumerated domain value definition:**

Gastropod, snail, Margarites sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** MAY**Enumerated domain value definition:**

Mysidae, Acanthomysis sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:****Enumerated domain value:** MBM**Enumerated domain value definition:**

Mysidae, Boreomysis microps

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** MC1**Enumerated domain value definition:**

Calanoid, Metridia sp. copepodite I

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** MC2**Enumerated domain value definition:**

Calanoid, Metridia sp. copepodite II

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** MC3**Enumerated domain value definition:**

Calanoid, Metridia sp. copepodite III

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** MC4**Enumerated domain value definition:**

Calanoid, Metridia sp. copepodite CIV

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:**

**Enumerated domain value:** MCA  
**Enumerated domain value definition:**  
Calanoid, Metridia sp. CV male  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** MCF  
**Enumerated domain value definition:**  
Calanoid, Metridia sp. CV female  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** MCG  
**Enumerated domain value definition:**  
Calanoid, Centropages mcmurrchi, general  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** MCM  
**Enumerated domain value definition:**  
Decapod, megalops, Cancer magister  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** MCP  
**Enumerated domain value definition:**  
Calanoid, Metridia sp. copepodids I-IV  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** MCS

**Enumerated domain value definition:**

Calanoid, Metridia pacifica/lucens CI-IV

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** MCV**Enumerated domain value definition:**

Calanoid, Metridia sp. CV general

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** MEF**Enumerated domain value definition:**

Calanoid, Mesocalanus tenuicornis female

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** MEG**Enumerated domain value definition:**

Calanoid, Mesocalanus tenuicornis, general

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** MEI**Enumerated domain value definition:**

Gastropod, Nudibranch, Melibe leonina

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** MEL**Enumerated domain value definition:**

Cnidaria, Melicertum sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** MEM

**Enumerated domain value definition:**

Calanoid, Mesocalanus tenuicornis, male

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** MEP

**Enumerated domain value definition:**

Calanoid, Metridia pacifica/lucens, general

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** MER

**Enumerated domain value definition:**

Mysidae, Meterythrocs robusta

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** MES

**Enumerated domain value definition:**

Calanoid, Mesocalanus tenuicornis, copepodite

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** MG

**Enumerated domain value definition:**

Calanoid, Metridia sp., general



**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** MGF**Enumerated domain value definition:**

Calanoid, Metridia sp. female

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** MGM**Enumerated domain value definition:**

Calanoid, Metridia sp., general male

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** MHA**Enumerated domain value definition:**

Mysidae, Holmesiella anomala

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** MIC**Enumerated domain value definition:**

Harpacticoid, Microsetella rosea

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** MIR**Enumerated domain value definition:**

Gastropod, Micranellum crebricinctum

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** MIT

**Enumerated domain value definition:**

Arthropod, Arachnid, Halacarid mite

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** MLB

**Enumerated domain value definition:**

Gastropod, Nudibranch, Melibe sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** MLC

**Enumerated domain value definition:**

Decapod mysis larvae, shrimp, Caridea

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** MMC

**Enumerated domain value definition:**

Decapod, megalops, Majidae, Chionocoetes sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** MMG

**Enumerated domain value definition:**

Mysidae, Meterythrocs robusta, gravid female

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** MMP**Enumerated domain value definition:**

Decapod, megalops, Majidae, Pugettia

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** MNR**Enumerated domain value definition:**

Mysidae, Neomysis rayii

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** MNX**Enumerated domain value definition:**

Copepod, Monstrillid

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** MOC**Enumerated domain value definition:**

Calanoid, Metridia ochotensis, CV copepodite

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** MOF**Enumerated domain value definition:**

Calanoid, Metridia ochotensis female

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** MOM**Enumerated domain value definition:**

Calanoid, Metridia ochotensis male

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** MOO**Enumerated domain value definition:**

Amphipod, Gammarid, Monoculodes sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** MOP**Enumerated domain value definition:**

Calanoid, Metridia ochotensis, general

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** MOR**Enumerated domain value definition:**

Decapod, megalops, Majidae, Oregoninae

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** MOV**Enumerated domain value definition:**

Calanoid, Metridia ochotensis copepodite I-IV

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:****Enumerated domain value:** MP**Enumerated domain value definition:**

Calanoid, Metridia pacifica/lucens, adult

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** MP4**Enumerated domain value definition:**

Calanoid, Metridia pacifica/lucens CIV copepodite

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** MPA**Enumerated domain value definition:**

Calanoid, Metridia pacifica/lucens, CV male

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** MPC**Enumerated domain value definition:**

Calanoid, Metridia pacifica/lucens CV copepodite

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** MPE**Enumerated domain value definition:**

Calanoid, Metridia pacifica/lucens, CV female

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:**

**Enumerated domain value:** MPF  
**Enumerated domain value definition:**  
Calanoid, Metridia pacifica/lucens, female  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**

**Enumerated domain:**  
**Enumerated domain value:** MPM  
**Enumerated domain value definition:**  
Calanoid, Metridia pacifica/lucens, male  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**

**Enumerated domain:**  
**Enumerated domain value:** MPN  
**Enumerated domain value definition:**  
Mysidae, Pacifacanthomysis nephrophthalma  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**

**Enumerated domain:**  
**Enumerated domain value:** MPR  
**Enumerated domain value definition:**  
Calanoid, Pleuromamma robusta, male  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**

**Enumerated domain:**  
**Enumerated domain value:** MPZ  
**Enumerated domain value definition:**  
Decapod, zoea, Majidae, Pugettia  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**

**Enumerated domain:**  
**Enumerated domain value:** MRF

**Enumerated domain value definition:**

Calanoid, Metridia princeps adult female

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** MRG**Enumerated domain value definition:**

Calanoid, Metridia princeps general

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** MRM**Enumerated domain value definition:**

Calanoid, Metridia princeps adult male

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** MSA**Enumerated domain value definition:**

Calanoid, Mesocalanus sp. Male

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** MSB**Enumerated domain value definition:**

Calanoid, Spinocalanus brevicaudatus, male

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** MSC**Enumerated domain value definition:**

Calanoid, Mesocalanus sp. Copoepodites  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** MSF  
**Enumerated domain value definition:**  
Calanoid, Mesocalanus sp. Female  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** MTF  
**Enumerated domain value definition:**  
Calanoid, Mesocalanus tenuicornis, female  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** MUG  
**Enumerated domain value definition:**  
Cnidaria, Muggiaea sp.  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** MUJ  
**Enumerated domain value definition:**  
Bivalve, mussel juvenile  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** MUN  
**Enumerated domain value definition:**  
Isopod, Munna sp.



**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** MUS**Enumerated domain value definition:**

Mytiloidea, Musculus sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** MUV**Enumerated domain value definition:**

Mytiloidea, Musculus vernicosus

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** MVF**Enumerated domain value definition:**

Calanoid, Metridia ochotensis, CV female

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** MVI**Enumerated domain value definition:**

Fish, Mallotus villosus (capelin)

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** MVM**Enumerated domain value definition:**

Calanoid, Metridia ochotensis CV male

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** MWG

**Enumerated domain value definition:**

Monstrilla wandelli gravid female

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** MX

**Enumerated domain value definition:**

Copepod, Monstrilla sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** MXF

**Enumerated domain value definition:**

Copepod, Monstrilla sp female

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** MXG

**Enumerated domain value definition:**

Copepod, Monstrilla sp gravid female

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** MYA

**Enumerated domain value definition:**

Mysidae, unknown general, stage unknown

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** MYJ**Enumerated domain value definition:**

Mysidae, unknown general juv. (stage 5)

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** MYL**Enumerated domain value definition:**

Mysidae, Mysis littoralis

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** MYS**Enumerated domain value definition:**

Mysidae, unknown general adult (stage 6)

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** MYT**Enumerated domain value definition:**

Bivalve, Mytilidae

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** NAJ**Enumerated domain value definition:**

Amphipod, Gammarid, Najna sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** NC2**Enumerated domain value definition:**

Calanoid, Neocalanus cristatus CIII copepodite

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** NC3**Enumerated domain value definition:**

Calanoid, Neocalanus cristatus copepodite CI-CIII

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** NC4**Enumerated domain value definition:**

Calanoid, Neocalanus cristatus CIV copepodite

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** NCF**Enumerated domain value definition:**

Calanoid, Neocalanus cristatus adult female

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** NCG**Enumerated domain value definition:**

Calanoid, Neocalanus cristatus general

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:****Enumerated domain value:** NCM**Enumerated domain value definition:**

Calanoid, Neocalanus cristatus adult male

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** NCP**Enumerated domain value definition:**

Calanoid, Neocalanus spp. CV copepodite

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** NEA**Enumerated domain value definition:**

Calanoid, Neocalanus spp., adult male

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** NEF**Enumerated domain value definition:**

Calanoid, Neocalanus spp., adult female

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** NEM**Enumerated domain value definition:**

Nematode

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:**

**Enumerated domain value:** NEO  
**Enumerated domain value definition:**  
Calanoid, Neocalanus spp. adult  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** NER  
**Enumerated domain value definition:**  
Polychaeta, Nereidae  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** NEU  
**Enumerated domain value definition:**  
Insect, Neuroptera pupa  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** NFA  
**Enumerated domain value definition:**  
Calanoid, Neocalanus flemingeri, adult  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** NFF  
**Enumerated domain value definition:**  
Calanoid, Neocalanus flemingeri adult female  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** NFM

**Enumerated domain value definition:**

Calanoid, Neocalanus flemingeri adult male

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** NFV**Enumerated domain value definition:**

Calanoid, Neocalanus flemingeri copepodite CV

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** NFY**Enumerated domain value definition:**

Calanoid, Neocalanus flemingeri copepodite CI-CIV

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** NP2**Enumerated domain value definition:**

Calanoid, Neocalanus spp. CII copepodite

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** NP3**Enumerated domain value definition:**

Calanoid, Neocalanus spp. CI-CIII

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** NP4**Enumerated domain value definition:**

Calanoid, Neocalanus spp. copepodite CIV  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** NPC

**Enumerated domain value definition:**

Calanoid, Neocalanus plumchrus copepodite CI-CIV

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** NPF

**Enumerated domain value definition:**

Calanoid, Neocalanus plumchrus female

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** NPG

**Enumerated domain value definition:**

Calanoid, Neocalanus plumchrus, general

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** NPM

**Enumerated domain value definition:**

Calanoid, Neocalanus plumchrus male

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** NPV

**Enumerated domain value definition:**

Calanoid, Neocalanus plumchrus copepodite CV



**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** NYJ**Enumerated domain value definition:**

Mysidae, Neomysis sp juvenile

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** NYK**Enumerated domain value definition:**

Mysidae, Neomysis kadiakensis

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** NYM**Enumerated domain value definition:**

Mysidae, Neomysis mercedis

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** NYS**Enumerated domain value definition:**

Mysidae, Neomysis sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** OCA**Enumerated domain value definition:**

Ostracod, Conchoecia alata

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** OCE

**Enumerated domain value definition:**

Ostracod, Conchoecia elegans

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** OCO

**Enumerated domain value definition:**

Ostracod, Conchoecia obtsuata

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** OCT

**Enumerated domain value definition:**

Cephalopoda, Octopus juvenile

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** ODI

**Enumerated domain value definition:**

Amphipod, Gammarid, Odius sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** OED

**Enumerated domain value definition:**

Amphipod, Gammarid, Oedicerotidae

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** OGM**Enumerated domain value definition:**

Decapod, megalops, Majidae, Oregonia gracilis

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** OHG**Enumerated domain value definition:**

Cyclopoid, Oithona helgolandica, general

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** OI1**Enumerated domain value definition:**

Larvacea, Oikopleura &lt; 2mm (IMS)

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** OI2**Enumerated domain value definition:**

Larvacea, Oikopleura &gt; 2mm (IMS)

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** OIE**Enumerated domain value definition:**

Copepod, Oithona egg cases

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** OIF**Enumerated domain value definition:**

Cyclopoid, Oithona sp., female

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** OIT**Enumerated domain value definition:**

Cyclopoid, Oithona sp., general

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** OKC**Enumerated domain value definition:**

Larvacea, O. vanhoeffeni capsule

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** OKI**Enumerated domain value definition:**

Larvacea, Oikopleura dioica

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** OKP**Enumerated domain value definition:**

Larvacea, Oikopleura sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:****Enumerated domain value:** OKV**Enumerated domain value definition:**

Larvacea, Oikopleura vanhoeffeni

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** OLI**Enumerated domain value definition:**

Oligochaeta

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** OLV**Enumerated domain value definition:**

Gastropod, snail, Olivella baetica

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** ONC**Enumerated domain value definition:**

Gastropod, Nudibranch, Onchidoris muricata

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** ONU**Enumerated domain value definition:**

Polychaeta, Onuphis sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:**

**Enumerated domain value:** OPH  
**Enumerated domain value definition:**  
Polychaeta, Ophelidae  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** ORC  
**Enumerated domain value definition:**  
Amphipod, Gammarid, Orchomenella pinquis  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** ORE  
**Enumerated domain value definition:**  
Decapod zoea, crab, Cancer oregonensis  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** ORG  
**Enumerated domain value definition:**  
Decapod zoea, crab, Oregoninae  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** OS  
**Enumerated domain value definition:**  
Cyclopoid, Oithona similis, general  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** OSC

**Enumerated domain value definition:**

Cyclopoid, Oithona copepodite

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** OSF**Enumerated domain value definition:**

Cyclopoid, Oithona similis AF

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** OSG**Enumerated domain value definition:**

Cyclopoid, Oithona similis gravid female

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** OSM**Enumerated domain value definition:**

Cyclopoid, Oithona similis AM

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** OST**Enumerated domain value definition:**

Ostracod, general unknown

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** OSV**Enumerated domain value definition:**

Cyclopoid, Oithona similis, CV  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** OTF  
**Enumerated domain value definition:**  
Cyclopoid, Oithona spirostris, female  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** OTM  
**Enumerated domain value definition:**  
Cyclopoid, Oithona spirostris, male  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** OTS  
**Enumerated domain value definition:**  
Cyclopoid, Oithona spirostris  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** OXY  
**Enumerated domain value definition:**  
Amphipod, Hyperiid, Oxycephalidae  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** P4F  
**Enumerated domain value definition:**  
Calanoid, Pseudocalanus CIV copepodite female



**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** P4M**Enumerated domain value definition:**

Calanoid, Pseudocalanus CIV copepodite male

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** P5C**Enumerated domain value definition:**

Calanoid, Pseudocalanus CV copepodite general

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** P5F**Enumerated domain value definition:**

Calanoid, Pseudocalanus CV copepodite female

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** P5M**Enumerated domain value definition:**

Calanoid, Pseudocalanus CV copepodite male

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** PA1**Enumerated domain value definition:**

Amphipod, Hyperiid, Themisto pacifica small juvenile

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** PA2

**Enumerated domain value definition:**

Amphipod, Hyperiid, Themisto pacifica medium juvenile

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** PA3

**Enumerated domain value definition:**

Amphipod, Hyperiid, Themisto pacifica large juvenile

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** PA5

**Enumerated domain value definition:**

Calanoid, Pleuromamma abdominalis, CV

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** PAA

**Enumerated domain value definition:**

Amphipod, Hyperiid, Themisto pacifica large (adult?)

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** PAB

**Enumerated domain value definition:**

Decapod, Shrimp, Pandalus borealis

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** PAF**Enumerated domain value definition:**

Calanoid, Pleuromamma abdominalis, female

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** PAG**Enumerated domain value definition:**

Decapod, Paguridae general

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** PAH**Enumerated domain value definition:**

Decapod, Paguris hirsutiusculus

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** PAJ**Enumerated domain value definition:**

Decapod, Pandalidae, juvenile

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** PAL**Enumerated domain value definition:**

Polychaeta, Alciopidae

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** PAM**Enumerated domain value definition:**

Calanoid, Pleuromamma abdominalis, male

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** PAN**Enumerated domain value definition:**

Decapod, Pandalidae

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** PAP**Enumerated domain value definition:**

Amphipod, Hyperiid, Themisto pacifica, general

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** PAR**Enumerated domain value definition:**

Amphipod, Gammarid, Paramoera sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** PAS**Enumerated domain value definition:**

Decapod, Pagurus sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:****Enumerated domain value:** PAT**Enumerated domain value definition:**

Decapod, Shrimp, Pandalus tridens

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** PC1**Enumerated domain value definition:**

Calanoid, Pseudocalanus copepodids I

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** PC2**Enumerated domain value definition:**

Calanoid, Pseudocalanus copepodids II

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** PC3**Enumerated domain value definition:**

Calanoid, Pseudocalanus copepodids III

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** PC4**Enumerated domain value definition:**

Calanoid, Pseudocalanus copepodids I-IV

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:**

**Enumerated domain value:** PCG  
**Enumerated domain value definition:**  
Parasitic copepod, general  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** PCH  
**Enumerated domain value definition:**  
Calanoid, Pachyptilus pacificus adult female  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** PCM  
**Enumerated domain value definition:**  
Decapod, megalops, Lithodidae, Paralithodes camtschaticus  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** PCO  
**Enumerated domain value definition:**  
Copepod, Caligidae, parasitic copepod  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** PCP  
**Enumerated domain value definition:**  
Calanoid, Pseudocalanus copepodids I-V  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** PCZ

**Enumerated domain value definition:**

Decapod zoea, crab, Porcellanidae

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** PDJ**Enumerated domain value definition:**

Decapod, Shrimp, Pandalopsis dispar, juvenile

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** PDZ**Enumerated domain value definition:**

Decapod zoea, Shrimp, Pandalidae

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** PEC**Enumerated domain value definition:**

Polychaeta, Pectinariidae

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** PEG**Enumerated domain value definition:**

Ctenophore, Pleurobrachia sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** PFL**Enumerated domain value definition:**

Cnidaria, Hydrozoa, Proboscoidactyla flavicirrata  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** PGA

**Enumerated domain value definition:**

Decapod, Pandalus goniurus

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** PGJ

**Enumerated domain value definition:**

Decapod, Shrimp, Pandalus goniurus, juvenile

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** PGM

**Enumerated domain value definition:**

Decapod, megalops, Pugettia gracilis

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** PGS

**Enumerated domain value definition:**

Polychaeta, Sagitella sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** PGZ

**Enumerated domain value definition:**

Decapod zoea, hermit crab, Paguridae



**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** PHA**Enumerated domain value definition:**

Phoronid, actinotroch larva

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** PHF**Enumerated domain value definition:**

Calanoid, Pachyptilus pacificus, female

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** PHG**Enumerated domain value definition:**

Cnidaria, Hydrozoa, Phialidium gregarium

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** PHM**Enumerated domain value definition:**

Polychaeta, Pholoe minuta

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** PHR**Enumerated domain value definition:**

Amphipod, Hyperiid, Phronimidae sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** PHX

**Enumerated domain value definition:**

Amphipod, Gammarid, Phoxocephalidae

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** PIM

**Enumerated domain value definition:**

Decapoda, megalops, Brachyura, Pinnotheridae

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** PIN

**Enumerated domain value definition:**

Decapoda, zoea, Brachyura, Pinnotheridae

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** PJJ

**Enumerated domain value definition:**

Decapod, Shrimp, Pandalus jordani, juvenile

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** PL1

**Enumerated domain value definition:**

Amphipod, Hyperiid, Themisto libellula

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** PL2**Enumerated domain value definition:**

Amphipod, Hyperiid, Themisto libellula

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** PL3**Enumerated domain value definition:**

Amphipod, Hyperiid, Themisto libellula

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** PL4**Enumerated domain value definition:**

Amphipod, Hyperiid, Themisto libellula

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** PLA**Enumerated domain value definition:**

Polychaeta, adult

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** PLB**Enumerated domain value definition:**

Polychaeta, Platynereis bicanaliculata

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** PLC**Enumerated domain value definition:**

Pleurocercoïd larvae

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** PLE**Enumerated domain value definition:**

Amphipod, Gammarid, Pleustidae

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** PLF**Enumerated domain value definition:**

Calanoid, Pleuromamma scutullata, female

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** PLG**Enumerated domain value definition:**

Calanoid, Pleuromamma scutullata, general

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** PLL**Enumerated domain value definition:**

Polychaeta, general, juvenile

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:****Enumerated domain value:** PLM**Enumerated domain value definition:**

Calanoid, Pleuromamma scutullata, male

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** PLO**Enumerated domain value definition:**

Calanoid, Pleuromamma sp. Copepodite

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** PLP**Enumerated domain value definition:**

Ctenophore, Pleurobrachia pileus

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** PLU**Enumerated domain value definition:**

Amphipod, Gammarid, Pleustes cataphractus

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** PM2**Enumerated domain value definition:**

Amphipod, Hyperiid, Primno macropa

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:**

**Enumerated domain value:** PM3  
**Enumerated domain value definition:**  
Amphipod, Hyperiid, Primno macropa  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** PML  
**Enumerated domain value definition:**  
Decapod, mysis larvae, Shrimp, Pandalidae  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** PMZ  
**Enumerated domain value definition:**  
Decapod zoea, crab, Placetron wosnessenskii  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** PNJ  
**Enumerated domain value definition:**  
Polychaeta, Nereidae juvenile  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** PNL  
**Enumerated domain value definition:**  
Polychaeta, Nereidae larvae  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** POA

**Enumerated domain value definition:**

Calanoid, Chiridius polaris adult

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** POC**Enumerated domain value definition:**

Calanoid, Chiridius polaris copepodite CI-CV

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** POF**Enumerated domain value definition:**

Calanoid, Chiridius polaris female adult

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** POG**Enumerated domain value definition:**

Polychaeta general

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** PON**Enumerated domain value definition:**

Cladoceran, Podon sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** POP**Enumerated domain value definition:**

Polyplacophora

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** POR

**Enumerated domain value definition:**

Harpacticoid, Porcellidium

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** POT

**Enumerated domain value definition:**

Amphipod, Gammarid, Pontogeneia sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** POY

**Enumerated domain value definition:**

Polychaeta, Polynoidae

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** PP

**Enumerated domain value definition:**

Amphipod, Hyperiid, Themisto pacifica general

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** PPC

**Enumerated domain value definition:**

Calanoid, Paracalanus parvus copepodite



**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** PPF**Enumerated domain value definition:**

Calanoid, Paracalanus parvus female

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** PPH**Enumerated domain value definition:**

Amphipod, Gammarid, Paraphoxus sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** PPM**Enumerated domain value definition:**

Calanoid, Paracalanus parvus male

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** PR1**Enumerated domain value definition:**

Amphipod, Hyperiid, Primno macropa

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** PR2**Enumerated domain value definition:**

Amphipod, Hyperiid, Primno macropa

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** PR3

**Enumerated domain value definition:**

Amphipod, Hyperiid, Primno macropa

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** PR4

**Enumerated domain value definition:**

Amphipod, Hyperiid, Primno macropa

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** PRA

**Enumerated domain value definition:**

Polychaeta, Rhynchonerella angelina

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** PRC

**Enumerated domain value definition:**

Calanoid, Paracalanus sp., general

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** PRF

**Enumerated domain value definition:**

Cnidaria, Hydrozoa, Proboscidactyla flavicirrata

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** PRG**Enumerated domain value definition:**

Amphipod, Hyperiid, Primno sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** PRI**Enumerated domain value definition:**

Amphipod, Hyperiid, Primno macropa, gen.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** PRL**Enumerated domain value definition:**

Amphipod, Hyperiid, Themisto libellula

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** PRO**Enumerated domain value definition:**

Amphipod, Gammarid, Protomedeia sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** PRS**Enumerated domain value definition:**

Cnidaria, Hydrozoa, Proboscidactyla sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** PS**Enumerated domain value definition:**

Amphipod, Hyperiid, Themisto sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** PS1**Enumerated domain value definition:**

Amphipod, Hyperiid, Themisto sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** PS2**Enumerated domain value definition:**

Amphipod, Hyperiid, Themisto sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** PS3**Enumerated domain value definition:**

Amphipod, Hyperiid, Themisto sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** PSA**Enumerated domain value definition:**

Calanoid, Pseudocalanus sp., general

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:****Enumerated domain value:** PSF**Enumerated domain value definition:**

Calanoid, Pseudocalanus female

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** PSG**Enumerated domain value definition:**

Calanoid, Pseudocalanus gravid female

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** PSJ**Enumerated domain value definition:**

Polychaeta, Spionidae, juvenile

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** PSM**Enumerated domain value definition:**

Calanoid, Pseudocalanus male

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** PSU**Enumerated domain value definition:**

Pseudoscorpion

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:**

**Enumerated domain value:** PTF  
**Enumerated domain value definition:**  
Harpacticoid, P. jacksoni adult female  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** PTG  
**Enumerated domain value definition:**  
Harpacticoid, P. jacksoni gravid female  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** PTH  
**Enumerated domain value definition:**  
Harpacticoid, Parathalestris jacksoni, general  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** PTM  
**Enumerated domain value definition:**  
Harpacticoid, P. jacksoni male  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** PTP  
**Enumerated domain value definition:**  
Gastropod, Pteropod, unidentified  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** PTY

**Enumerated domain value definition:**

Cnidaria, Hydrozoa, Ptychogena lectea

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:**

**Enumerated domain value:** PUG

**Enumerated domain value definition:**

Decapod, Pugettia gracilis

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:**

**Enumerated domain value:** PUN

**Enumerated domain value definition:**

Polychaeta, unknown, large

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:**

**Enumerated domain value:** PUZ

**Enumerated domain value definition:**

Decapod zoea, crab, Pugittia

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:**

**Enumerated domain value:** PYC

**Enumerated domain value definition:**

Calanoid, Microcalanus pygmaeus, CI-V copepodite

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:**

**Enumerated domain value:** PYF

**Enumerated domain value definition:**

Calanoid, Microcalanus pygmaeus, female  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** PYG  
**Enumerated domain value definition:**  
Calanoid, Microcalanus pygmaeus, general  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** PYM  
**Enumerated domain value definition:**  
Calanoid, Microcalanus pygmaeus, male  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** RAC  
**Enumerated domain value definition:**  
Calanoid, Racovitzanus antarcticus copepodite  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** RAF  
**Enumerated domain value definition:**  
Calanoid, Racovitzanus antarcticus adult female  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** RAG  
**Enumerated domain value definition:**  
Calanoid, Racovitzanus antarcticus general



**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** RAM**Enumerated domain value definition:**

Calanoid, Racovitzanus antarcticus adult male

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** RHA**Enumerated domain value definition:**

Amphipod, Gammarid, Rhaotropis sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** ROT**Enumerated domain value definition:**

Rotifera, general

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** SAL**Enumerated domain value definition:**

Thaliacea, Salpida unknown

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** SBF**Enumerated domain value definition:**

Calanoid, Scaphocalanus brevicornis, female

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** SCA

**Enumerated domain value definition:**

Insect, Sciaridae (beetle)

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** SCL

**Enumerated domain value definition:**

Fish scales in stomach

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** SCM

**Enumerated domain value definition:**

Cnidaria, Scyphozoa, Chrysaora melanaster

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** SCO

**Enumerated domain value definition:**

Fish, Scorpaenidae sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** SER

**Enumerated domain value definition:**

Polychaeta, Serpulidae

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** SG2**Enumerated domain value definition:**

Chaetognath, Sagitta elegans

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** SG3**Enumerated domain value definition:**

Chaetognath, Sagitta elegans

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** SGA**Enumerated domain value definition:**

Chaetognath, Sagitta (elegans)

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** SGE**Enumerated domain value definition:**

Chaetognath, Sagitta (elegans)

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** SGG**Enumerated domain value definition:**

Chaetognath, Sagitta sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** SGL**Enumerated domain value definition:**

Chaetognath, Sagitta, larvae

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** SGS**Enumerated domain value definition:**

Chaetognath, Sagitta elegans

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** SHC**Enumerated domain value definition:**

Decapod, Shrimp, Crangonid, general

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** SHP**Enumerated domain value definition:**

Decapod, Shrimp, gen. unknown juv./adult (Natantia)

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** SHR**Enumerated domain value definition:**

Decapod zoea, general shrimp (Natantia)

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:****Enumerated domain value:** SHS**Enumerated domain value definition:**

Decapod, Shrimp, Hippo., Heptacarpus stylus

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** SHY**Enumerated domain value definition:**

Decapod, Shrimp, Hippolytid, general

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** SIP**Enumerated domain value definition:**

Cnidaria, Hydrozoa, Siphonophore "larva"

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** SMC**Enumerated domain value definition:**

Calanoid, Scolecithricella minor, CV copepodite

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** SMF**Enumerated domain value definition:**

Calanoid, Scolecithricella minor, female

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:**

**Enumerated domain value:** SMG  
**Enumerated domain value definition:**  
Calanoid, Scolecithricella minor, general  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**

**Enumerated domain:**  
**Enumerated domain value:** SMM  
**Enumerated domain value definition:**  
Calanoid, Scolecithricella minor, male  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**

**Enumerated domain:**  
**Enumerated domain value:** SOC  
**Enumerated domain value definition:**  
Calanoid, Scolecithricella ovata, copepodite CI-CIV  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**

**Enumerated domain:**  
**Enumerated domain value:** SOF  
**Enumerated domain value definition:**  
Calanoid, Scolecithricella ovata, adult female  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**

**Enumerated domain:**  
**Enumerated domain value:** SOM  
**Enumerated domain value definition:**  
Calanoid, Scolecithricella ovata, adult male  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**

**Enumerated domain:**  
**Enumerated domain value:** SOV

**Enumerated domain value definition:**

Calanoid, Scolecithricella ovata, copepodite CV general

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:**

**Enumerated domain value:** SPA

**Enumerated domain value definition:**

Decapod, Shrimp, Pasiphaea pacifica

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:**

**Enumerated domain value:** SPH

**Enumerated domain value definition:**

Polychaeta, Sphaerosyllis erinaceus

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:**

**Enumerated domain value:** SPI

**Enumerated domain value definition:**

Decapod, Shrimp, Hippo., Spirontocaris sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:**

**Enumerated domain value:** SPJ

**Enumerated domain value definition:**

Decapod, Shrimp, Pasiphaea pacifica

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:**

**Enumerated domain value:** SPL

**Enumerated domain value definition:**

Polychaeta, Spionida, trochophore larva  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** SPN

**Enumerated domain value definition:**

Polychaeta, Spionidae

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** SPO

**Enumerated domain value definition:**

Porifera

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** SPP

**Enumerated domain value definition:**

Decapod, Shrimp, Pasiphaea pacifica

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** SQB

**Enumerated domain value definition:**

Cephalopod, squid, Beryteuthis sp., young juveniles

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** SQU

**Enumerated domain value definition:**

Cephalopoda, Squid juvenile



**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** SRF**Enumerated domain value definition:**

Amphipod, Hyperiid, Scina rattrayi, female

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** SRG**Enumerated domain value definition:**

Amphipod, Hyperiid, Scina rattrayi, general

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** SRJ**Enumerated domain value definition:**

Amphipod, Hyperiid, Scina rattrayi, juvenile

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** SRM**Enumerated domain value definition:**

Amphipod, Hyperiid, Scina rattrayi, male

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** SSF**Enumerated domain value definition:**

Calanoid, Scolecithricella sp. Female

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** SSG

**Enumerated domain value definition:**

Calanoid, Scolecithricella sp. General

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** SSM

**Enumerated domain value definition:**

Calanoid, Scolecithricella sp. Male

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** SSV

**Enumerated domain value definition:**

Calanoid, Scolecithricella sp. CV copepodite

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** STE

**Enumerated domain value definition:**

Amphipod, Gammarid, Stenothoidae

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** STN

**Enumerated domain value definition:**

Fish, Stenobranchius nannochir

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** STR**Enumerated domain value definition:**

Echinodermata, Strongylocentrotus

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** SUF**Enumerated domain value definition:**

Calanoid, Scolecithricella subdentata, female

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** SYL**Enumerated domain value definition:**

Polychaeta, Syllidae

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** SYR**Enumerated domain value definition:**

Amphipod, Gammarid, Syyrohe longifrons

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** TCB**Enumerated domain value definition:**

Thaliacea, Cyclosalpa bakeri

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** TCJ**Enumerated domain value definition:**

Thaliacea, Cyclosalpa bakeri

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** TDC**Enumerated domain value definition:**

Calanoid, Tortanus discaudatus, copepodite CI-CV

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** TDF**Enumerated domain value definition:**

Calanoid, Tortanus discaudatus, female

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** TDM**Enumerated domain value definition:**

Calanoid, Tortanus discaudatus, male

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** TEC**Enumerated domain value definition:**

Isopod, Tecticeps sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:****Enumerated domain value:** TH**Enumerated domain value definition:**

Euphausiid, Thysannoessa sp., gen. adult

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** THE**Enumerated domain value definition:**

Euphausiid, Tessarabrachion sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** THF**Enumerated domain value definition:**

Euphausiid, Thysannoessa sp. AF

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** THJ**Enumerated domain value definition:**

Euphausiid, Thysannoessa sp. juvenile

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** THL**Enumerated domain value definition:**

Thaliacea, general unknown "salp"

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:**

**Enumerated domain value:** T1  
**Enumerated domain value definition:**  
Euphausiid, T. inermis  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** T11  
**Enumerated domain value definition:**  
Euphausiid, T. inspinata  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** T12  
**Enumerated domain value definition:**  
Euphausiid, T. inspinata  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** T13  
**Enumerated domain value definition:**  
Euphausiid, T. inspinata  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** T14  
**Enumerated domain value definition:**  
Euphausiid, T. inspinata  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** TIP

**Enumerated domain value definition:**

Insect, Dipteran, Tipulidae (larvae)

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** TIR**Enumerated domain value definition:**

Amphipod, Gammarid, Tiron biocellata

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** TIS**Enumerated domain value definition:**

Euphausiid, T. inspinata

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** TL**Enumerated domain value definition:**

Euphausiid, T. longipes

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** TL1**Enumerated domain value definition:**

Euphausiid, T. longipes (&lt;5)

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** TL2**Enumerated domain value definition:**

Euphausiid, T. longipes (5-10)  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** TL3  
**Enumerated domain value definition:**  
Euphausiid, T. longipes (10-15)  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** TL4  
**Enumerated domain value definition:**  
Euphausiid, T. longipes (15-20)  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** TL5  
**Enumerated domain value definition:**  
Euphausiid, T. longipes (20-25)  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** TL6  
**Enumerated domain value definition:**  
Euphausiid, T. longipes (25-30)  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** TLT  
**Enumerated domain value definition:**  
Tunicata, larval tunicate



**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** TOC**Enumerated domain value definition:**

Euphausiid, Tessarabrachion oculatum

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** TOF**Enumerated domain value definition:**

Polychaeta, Tomopteris sp gravid female

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** TOM**Enumerated domain value definition:**

Polychaeta, Tomopteris sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** TOR**Enumerated domain value definition:**

Calanoid, Tortanus discaudatus, general

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** TR0**Enumerated domain value definition:**

Euphausiid, T. raschii furcilia

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** TR1

**Enumerated domain value definition:**

Euphausiid, T. raschii (<5mm)

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** TR2

**Enumerated domain value definition:**

Euphausiid, T. raschii (5-10mm)

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** TR3

**Enumerated domain value definition:**

Euphausiid, T. raschii (10-15mm)

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** TR4

**Enumerated domain value definition:**

Euphausiid, T. raschii (15-20mm)

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** TR5

**Enumerated domain value definition:**

Euphausiid, T. raschii (20-25mm)

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** TR6**Enumerated domain value definition:**Euphausiid, *T. raschii* (25+ mm)**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** TRA**Enumerated domain value definition:**Polychaeta, *Travisiopsis* sp.**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** TRC**Enumerated domain value definition:**Cnidaria, *Trachymedusae* sp.**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** TRE**Enumerated domain value definition:**

Trematode (parasite)

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** TRF**Enumerated domain value definition:**Euphausiid, *T. raschii* females**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** TRG**Enumerated domain value definition:**

Euphausiid, T. raschii, general

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** TRK**Enumerated domain value definition:**

Polychaeta, general, trochophore larva

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** TRL**Enumerated domain value definition:**

Insect, Trichoptera larva

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** TRM**Enumerated domain value definition:**

Euphausiid, T. raschii males

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** TRY**Enumerated domain value definition:**

Euphausiid, T. raschii, calyptopis

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:****Enumerated domain value:** TS**Enumerated domain value definition:**

Euphausiid, Thysanoessa spinifera

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** TS1**Enumerated domain value definition:**

Euphausiid, Thy. spinifera (10-15mm)

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** TS2**Enumerated domain value definition:**

Euphausiid, Thy. spinifera (16-20mm)

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** TS3**Enumerated domain value definition:**

Euphausiid, Thy. spinifera (21-25mm)

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** TS4**Enumerated domain value definition:**

Euphausiid, Thy. spinifera (26-30mm)

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:**

**Enumerated domain value:** TSB  
**Enumerated domain value definition:**  
Harpacticoid, Tisbe sp., adult  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** TSC  
**Enumerated domain value definition:**  
Harpacticoid, Tisbe sp., copepodite  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** TSF  
**Enumerated domain value definition:**  
Harpacticoid, Tisbe sp., Female  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** TSG  
**Enumerated domain value definition:**  
Harpacticoid, Tisbe sp., gravid female  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** TSL  
**Enumerated domain value definition:**  
Euphausiid, Thy. spinifera (20 mm +)  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** TSM

**Enumerated domain value definition:**

Harpacticoid, Tisbe sp., male

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** TSS**Enumerated domain value definition:**

Euphausiid, Thy. spinifera (&lt;10mm)

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** TSU**Enumerated domain value definition:**

Harpacticoid, Tisbe sp., stage unknown

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** TUR**Enumerated domain value definition:**

Turbellarian

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** UEM**Enumerated domain value definition:**

Unknown egg mass

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** UFF**Enumerated domain value definition:**

Unknown fish flesh/muscle  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** UIL  
**Enumerated domain value definition:**  
Unidentified invertebrate larva  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** UIW  
**Enumerated domain value definition:**  
Unidentifiable "tube type" worm  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** UNI  
**Enumerated domain value definition:**  
Unidentified item  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** UNP  
**Enumerated domain value definition:**  
Unknown nauplius  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** UNW  
**Enumerated domain value definition:**  
Unknown "worm" shaped ~ trematode



**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** VEL**Enumerated domain value definition:**

Gastropod, general veliger

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** VI2**Enumerated domain value definition:**

Amphipod, Hyperiid, Vibia sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** VI3**Enumerated domain value definition:**

Amphipod, Hyperiid, Vibia sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** VI4**Enumerated domain value definition:**

Amphipod, Hyperiid, Vibia sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** VIA**Enumerated domain value definition:**

Amphipod, Hyperiid, Vibia australis

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** VIB

**Enumerated domain value definition:**

Amphipod, Hyperiid, Vibilia sp.

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** WGM

**Enumerated domain value definition:**

White granular matter

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** ZAP

**Enumerated domain value definition:**

Fish, Zaproridae, prowfish postlarva

**Enumerated domain value definition source:**

AFSC

**Attribute:**

**Attribute label:** Count

**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:**

**Unrepresentable domain:**

No domain defined.

**Attribute:**

**Attribute label:** Comments

**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:****Unrepresentable domain:**

No domain defined.

**Attribute:****Attribute label:** Processor**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:****Unrepresentable domain:**

No domain defined.

**Detailed description:****Entity type:****Entity type label:** lab proc fish info**Entity type definition:**

-no description-

**Entity type definition source:**

AFSC

**Attribute:****Attribute label:** Haul #**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:****Unrepresentable domain:**

No domain defined.

**Attribute:****Attribute label:** Fish #**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:****Unrepresentable domain:**

No domain defined.

**Attribute:****Attribute label:** Length**Attribute definition:**

FL (snout to fork), mm

**Attribute definition source:**

AFSC

**Attribute domain values:****Unrepresentable domain:**

No domain defined.

**Attribute:****Attribute label:** Weight**Attribute definition:**

frozen, includes stomach and contents

**Attribute definition source:**

AFSC

**Attribute domain values:****Unrepresentable domain:**

No domain defined.

**Attribute:****Attribute label:** Stomach full**Attribute definition:**

weight of stomach with contents

**Attribute definition source:**

AFSC

**Attribute domain values:****Unrepresentable domain:**

No domain defined.

**Attribute:**

**Attribute label:** Stomach empty  
**Attribute definition:**  
weight of stomach without contents  
**Attribute definition source:**  
AFSC

**Attribute domain values:**  
**Unrepresentable domain:**  
No domain defined.

**Attribute:**  
**Attribute label:** Fullness  
**Attribute definition:**  
0, 25, 50, 75, 100, or 110% (distended)  
**Attribute definition source:**  
AFSC

**Attribute domain values:**  
**Unrepresentable domain:**  
No domain defined.

**Attribute:**  
**Attribute label:** Digestion  
**Attribute definition:**  
0=fresh, 1=partially, 2=mostly, 3=empty  
**Attribute definition source:**  
AFSC

**Attribute domain values:**  
**Unrepresentable domain:**  
No domain defined.

**Attribute:**  
**Attribute label:** Tray weight (g)  
**Attribute definition:**  
-no description-  
**Attribute definition source:**  
AFSC

**Attribute domain values:**  
**Unrepresentable domain:**

No domain defined.

**Attribute:**

**Attribute label:** DW w/ tray

**Attribute definition:**

dry weight of fish including tray

**Attribute definition source:**

AFSC

**Attribute domain values:**

**Unrepresentable domain:**

No domain defined.

**Attribute:**

**Attribute label:** Diet

**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** False

**Enumerated domain value definition:**

False

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** True

**Enumerated domain value definition:**

True

**Enumerated domain value definition source:**

AFSC

**Attribute:**

**Attribute label:** Energy

**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** False

**Enumerated domain value definition:**

False

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** True

**Enumerated domain value definition:**

True

**Enumerated domain value definition source:**

AFSC

**Attribute:**

**Attribute label:** Comments

**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:**

**Unrepresentable domain:**

No domain defined.

**Detailed description:**

**Entity type:**

**Entity type label:** Pink & chum individuals

**Entity type definition:**

-no description-

**Entity type definition source:**

AFSC

**Attribute:**

**Attribute label:** Haul #

**Attribute definition:**

Haul number, starts over with 1 at beginning of each trip

**Attribute definition source:**

AFSC

**Attribute domain values:****Unrepresentable domain:**

No domain defined.

**Attribute:****Attribute label:** Species**Attribute definition:**

chum or pink

**Attribute definition source:**

AFSC

**Attribute domain values:****Unrepresentable domain:**

Field source not limited to list.

**Attribute:****Attribute label:** Fish number**Attribute definition:**

individual fish number

**Attribute definition source:**

AFSC

**Attribute domain values:****Unrepresentable domain:**

No domain defined.

**Attribute:****Attribute label:** Froz or Form**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:****Unrepresentable domain:**

Field source not limited to list.

**Attribute:**



**Attribute label:** Comments

**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:**

**Unrepresentable domain:**

No domain defined.

**Detailed description:**

**Entity type:**

**Entity type label:** Preservation

**Entity type definition:**

-no description-

**Entity type definition source:**

AFSC

**Attribute:**

**Attribute label:** Preservation type

**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:**

**Unrepresentable domain:**

No domain defined.

**Detailed description:**

**Entity type:**

**Entity type label:** Prey Name

**Entity type definition:**

-no description-

**Entity type definition source:**

AFSC

**Attribute:**

**Attribute label:** SPCD

**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:****Unrepresentable domain:**

No domain defined.

**Attribute:****Attribute label:** PREYNAME**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:****Unrepresentable domain:**

No domain defined.

**Attribute:****Attribute label:** NODC**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:****Unrepresentable domain:**

No domain defined.

**Attribute:****Attribute label:** NOTES**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:****Unrepresentable domain:**

No domain defined.

**Attribute:**

**Attribute label:** epi-drift-pelagic

**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** "Drift"

**Enumerated domain value definition:**

"Drift"

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** "Epibenthic"

**Enumerated domain value definition:**

"Epibenthic"

**Enumerated domain value definition source:**

AFSC

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** "Pelagic"

**Enumerated domain value definition:**

"Pelagic"

**Enumerated domain value definition source:**

AFSC

**Attribute:**

**Attribute label:** SUMCODE

**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:**

**Unrepresentable domain:**

No domain defined.

**Attribute:****Attribute label:** PWT**Attribute definition:**

wet weight in mg (mostly from unpub. IMS, UAF data on file during SEA project &amp; ABL unpub. Landingham processed report)

**Attribute definition source:**

AFSC

**Attribute domain values:****Unrepresentable domain:**

No domain defined.

**Attribute:****Attribute label:** SUMCODE2**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:****Unrepresentable domain:**

No domain defined.

**Attribute:****Attribute label:** WTSOURCE**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:****Unrepresentable domain:**

No domain defined.

**Attribute:****Attribute label:** GENUS**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:**  
**Unrepresentable domain:**  
No domain defined.

**Detailed description:**

**Entity type:**  
**Entity type label:** Station  
**Entity type definition:**  
-no description-  
**Entity type definition source:**  
AFSC

**Attribute:**  
**Attribute label:** Station Code  
**Attribute definition:**  
-no description-  
**Attribute definition source:**  
AFSC

**Attribute domain values:**  
**Unrepresentable domain:**  
No domain defined.

**Attribute:**  
**Attribute label:** Station name  
**Attribute definition:**  
-no description-  
**Attribute definition source:**  
AFSC

**Attribute domain values:**  
**Unrepresentable domain:**  
No domain defined.

**Attribute:**  
**Attribute label:** Station description  
**Attribute definition:**  
-no description-  
**Attribute definition source:**  
AFSC

**Attribute domain values:**  
**Unrepresentable domain:**  
No domain defined.

**Attribute:**  
**Attribute label:** regular site?  
**Attribute definition:**  
-no description-  
**Attribute definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** False  
**Enumerated domain value definition:**  
False  
**Enumerated domain value definition source:**  
AFSC

**Attribute domain values:**  
**Enumerated domain:**  
**Enumerated domain value:** True  
**Enumerated domain value definition:**  
True  
**Enumerated domain value definition source:**  
AFSC

**Attribute:**  
**Attribute label:** Location  
**Attribute definition:**  
-no description-  
**Attribute definition source:**  
AFSC

**Attribute domain values:**  
**Unrepresentable domain:**  
No domain defined.

**Attribute:**  
**Attribute label:** PROJECT  
**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:**

**Unrepresentable domain:**

No domain defined.

**Attribute:**

**Attribute label:** sample area

**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:**

**Unrepresentable domain:**

No domain defined.

**Attribute:**

**Attribute label:** Inlet location

**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:**

**Unrepresentable domain:**

No domain defined.

**Attribute:**

**Attribute label:** beachsteepness %

**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:**

**Unrepresentable domain:**

No domain defined.

**Attribute:****Attribute label:** dominant substrate**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:****Unrepresentable domain:**

No domain defined.

**Attribute:****Attribute label:** subdominant substrate**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:****Unrepresentable domain:**

No domain defined.

**Attribute:****Attribute label:** Latitude**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:****Unrepresentable domain:**

No domain defined.

**Attribute:****Attribute label:** Longitude**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:**



**Unrepresentable domain:**

No domain defined.

**Attribute:****Attribute label:** Region**Attribute definition:**

-no description-

**Attribute definition source:**

AFSC

**Attribute domain values:****Unrepresentable domain:**

No domain defined.

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**Distribution Information:****Distributor:****Contact information:****Contact person primary:****Contact person:** Molly Sturdevant**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 electronic mail address:** molly.sturdevant@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:** 20100120

**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 email to contact

**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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