

Supplementary Material 1: Prey Category Information

Prey categorisations used for both IMR-PINRO and CEFAS data (Please note: These are the prey categories chosen for data analysis associated with the CoDINA: Cod: Diet and food web dyNAMics RCN project (No: 255460), prey categories can be changed for your own analyses and research purpose).

Scientific Name	Prey Category
ABERRANTIDAE	Other food
ACANTHOCEPHALA	Other food
ACANTHOCHITONA CRINATA	Other food
ACARTIA CLAUSI	Other food
ACTINIARIA	Other food
ACTINIIDAE	Other food
ADAMSIA PALLIATA	Other food
AEGA PSORA	Other food
AEGIDAE	Other food
AEOLIDIA SPP	Other food
AETIDEOPSIS ARMATA	Other food
AGLANTHA DIGITALE	Other food
AGONIDAE	Other fish
AGONONIDA LONGIPES	Other food
AGONUS	Other fish
AGONUS CATAPHRACTUS	Other fish
ALOSA	Herring
AMBLYRAJA RADIATA	Other food
AMMODYTES	Other fish
AMMODYTES MARINUS	Other fish
AMMODYTES SPP	Other fish
AMMODYTIDAE	Other fish
AMMODYTOIDEI	Other fish
AMPELISCA	Other food
AMPELISCA SPP	Other food
AMPELISCIDAE	Other food
AMPHARETIDAE	Other food
AMPHIPODA	Other food
AMPHOGONA APICATA	Other food
ANAITIDES	Other food
ANAITIDES (PHYLLODOCE) GROENLANDICA	Other food
ANAITIDES (PHYLLODOCE) MACULATA	Other food
ANARHICHADIDAE	Other fish
ANARHICHAS	Other fish
ANARHICHAS DENTICULATUS	Other fish
ANARHICHAS DENTICULATUS(LATIFRONS)	Other fish
ANARHICHAS LUPUS	Other fish
ANARHICHAS MINOR	Other fish
ANARHICHAS SPP	Other fish
ANGUILLIDAE	Other fish
ANNELIDA	Other fish
ANOMURA	Other food
ANONYX	Other food
ANONYX NUGAX	Other food
ANTHOZOA	Other food
ANTHOZOA	Other food
ANTHURIDAE	Other food
ARENICOLA MARINA	Other food
APHRODITA ACULEATA	Other food
APHRODITE ACULEATA	Other food

Townhill et al. Barents Sea cod diet data from the 1930s to the present day
Supplementary Material 1

APHRODITIDAE	Other food
APPENDICULARIA	Other food
ARCA	Other food
ARCHAEOGASTROPODA	Other food
ARCTINULA	Other food
ARCTOGADUS	Polar cod
ARCTOZENUS RISSO	Other fish
ARCTURIDAE	Other food
ARGENTINA	Other fish
ARGENTINA SILUS	Other fish
ARGENTINA SPHYRAENA	Other fish
ARGENTINIDAE	Other fish
ARGYROPELECUS HEMIGYMNUS	Other fish
ARTEDIELLUS	Other fish
ARTEDIELLUS ATLANTICUS	Other fish
ARTEDIELLUS ATLANTICUS EUROPAEUS	Other fish
ARTEDIELLUS UNCINATUS	Other fish
ASCIDIACEA	Other food
ASPIDOCHIROTIDA	Other food
ASPIRIGLA CUCULUS	Other fish
ASTACOIDEA	Other food
ASTARTE	Other food
ASTARTE (TRIDONTA) BOREALIS	Other food
ASTARTE (TRIDONTA) MONTAGUI	Other food
ASTARTE CRENATA	Other food
ASTARTE SULCATA	Other food
ASTERIAS RUBENS	Other food
ASTEROIDEA	Other food
ASTEROIDEA	Other food
ASTROPECTINIDAE	Other food
ATELECYCLUS ROTUNDATUS	Other food
ATLANTOPANDALUS PROPINQVUS	Euphausiids
AURELIA AURITA	Other food
AVES	Other food
BALANIDAE	Other food
BALANOGLOSSUS CLAVIGERUS	Other food
BALANOMORPHA	Other food
BATHYARCA GLACIALIS	Other food
BATHYPOLYPUS ARCTICUS	Other food
BATHYRAJA SPINICAUDA	Other food
BELONE BELONE	Other fish
BENTHOS	Other food
BENTHOSEMA GLACIALE	Other fish
BEROE(HORMIPHORA) CUCUMIS	Other food
BEROIDAE	Other food
BIVALVIA	Other food
BOLINOPSIS VITREA	Other food
BOREOGADUS SAIDA	Polar cod
BRACHIOPODA	Other food
BRACHYRHYNCHA	Other food
BRACHYURA	Other food
BRACHYURA-CANCRIDEA	Other food
BRADA	Other food
BRADA INHABILIS	Other food
BRADYIDIUS SIMILIS	Other food
BROSME BROSME	Other fish
BRYOZOA	Other food

Townhill et al. Barents Sea cod diet data from the 1930s to the present day
Supplementary Material 1

BUCCINIDAE	Other food
BUCCINUM	Other food
BUCCINUM UNDATUM	Other food
BYBLIS	Other food
BYBLIS GAIMARDI	Other food
CALANIDAE	Other food
CALANOIDA	Other food
CALANUS	Other food
CALANUS FINMARCHICUS	Other food
CALANUS GLACIALIS	Other food
CALANUS HYPERBOREUS	Other food
CALANUS SPP (ADULT)	Other food
CALANUS SPP (EGGS)	Other food
CALANUS SPP (NAUPLII)	Other food
CALIGUS	Other food
CALIGUS SPP	Other food
CALLIANASSIDAE	Shrimp
CALLIONYMIDAE	Other fish
CALLIOPIDAE	Hyperiid
CAMPANULARIIDAE	Other food
CANCER PAGURUS	Other food
CANCRIDAE	Other food
CANIFORMIA	Other food
CAPRELLA	Euphausiids
CAPRELLA LINEARIS	Euphausiids
CAPRELLA MONOCERA	Other food
CAPRELLIDAE	Euphausiids
CAPRELLIDEA	Euphausiids
CARDIDAE	Other food
CARDIUM	Other food
CAREPROCTUS	Other fish
CAREPROCTUS REINHARDTI	Other fish
CARIDEA	Shrimp
CEPHALOCHORDATA	Other fish
CEPHALOPODA	Other food
CEPHALOPODA-SEPIIDA	Other food
CERAMASTER GRANULARIS	Other food
CERIANTHUS LLOYDII	Other food
CESTODA	Other food
CHACEON AFFINIS	Other food
CHAETOGNATHA	Other food
CHAETOPTERUS VARIOPEDATUS	Other food
CHELICERATA	Other food
CHIONOECETES OPILIO	Snow crab
CHIRIDIUS ARMATUS	Other food
CHLAMYS	Other food
CHLAMYS ISLANDICA	Other food
CHLAMYS OPERCULARIS	Other food
CHLAMYS VARIA	Other food
CHLOROPHYTA	Other food
CHRYSTOPHYTA	Other food
CILIATA SEPTENTRIONALIS	Other fish
CIROLANA BOREALIS	Other food
CIROLANIDAE	Other food
CIRREPEDIA	Other food
CIRREPEDIA (LARVAE)	Other food
CIRRIPEDIA	Other food

Townhill et al. Barents Sea cod diet data from the 1930s to the present day
Supplementary Material 1

CLADOCERA	Other food
CLIONE LIMACINA	Other food
CLIONIDAE	Other food
CLUPEA HARENGUS	Herring
CLUPEIDAE	Other fish
CLUPEIDAE (EGGS)	Other fish
CLUPEIFORMES	Herring
CNIDARIA	Other food
COLEOIDEA	Other food
COLUS	Other food
CONCHOECIA	Other food
COPEPODA	Other food
COPEPODA-CALANOIDA	Other food
COPEPODA-CALANOIDA (EGGS)	Other food
COROPHIIDAE	Hyperiids
CORALLINA OFFICINALIS	Other food
CORYSTES CASSIVELAUNUS	Other food
COTTIDAE	Other fish
COTTUNCULUS MICRIPS	Other fish
COTTUNCULUS SADKO	Other fish
COTTUS	Other fish
COTTUS GOBIO	Other fish
CRANGON	Shrimp
CRANGON ALLMANI	Shrimp
CRANGON CRANGON	Shrimp
CRANGONIDAE	Shrimp
CRINOIDEA	Other food
CRUSTACEA	Other food
CRYPTONISCIDAE	Other food
CTENODISCUS CRISPATUS	Other food
CTENODISCUS SPP	Other food
CTENOPHORA	Other food
CUCUMARIA	Other food
CUCUMARIA FRONDOSA	Other food
CUCUMARIIDAE	Other food
CUMACEA	Other food
CUMIDAE	Other food
CYAMIDAE	Other food
CYCLOPOIDA	Other food
CYCLOPTERIDAE	Other fish
CYCLOPTERUS	Other fish
CYCLOPTERUS LUMPUS	Other fish
CYLICHNA ALBA	Other food
DECAPODA	Other food
DECAPODA REPTANTIA	Other food
DELECTOPECTEN GREENLANDICUS	Other food
DENDROBRANCHIATA	Euphausiids
DENDRONOTIDAE	Other food
DENTALIUM ENTALE	Other food
DIASTYLIDAE	Other food
DIASTYLIS	Other food
DIGESTED REMAINS	NA
DIPLOCIRRUS HIRSUTUS	Other food
ECHINODERMATA	Other food
ECHINOIDEA	Other food
ECHINUS ACUTUS	Other food
ECHINUS ESCULENTUS	Other food

Townhill et al. Barents Sea cod diet data from the 1930s to the present day
Supplementary Material 1

ECHIURA	Other food
ECHIURIDAE	Other food
ECHIURUS ECHIURUS	Other food
ECTOPROCTA	Other food
ECTOPROCTA/ BRYOZOA	Other food
ELEGINUS NAWAGA	Codfishes
ELOPOMORPHAA	Other fish
EMPTY	Empty
ENCHELYOPUS CIMBRIUS	Other fish
ENTELURUS AEQUOREUS	Other fish
ENTEROGONA	Other food
EPICARIDEA	Other food
EPIZOANTHIDAE	Other food
ERYTHROPS ELEGANS	Other food
ERYTHROPS ERYTHROPHTHALMA	Other food
EUALUS GAIMARDII	Euphausiids
EUCARIDA	Euphausiids
EUCHAETA	Other food
EUCHAETA NORVEGICA	Other food
EUCHAETIDAE	Other food
EUCOPIIDAE	Other food
EUMICROTREMUS	Other fish
EUMICROTREMUS SPINOSUS	Other fish
EUNICIDAE	Other food
EUNOE SPP	Butterfly
EUPAGURUS BERNHARDUS	Other food
EUPHAUSIA	Euphausiids
EUPHAUSIACEA	Euphausiids
EUPHAUSIIDAE	Euphausiids
EURYDICE PULCHRA	Other food
EUSIRIDAE	Hyperiid
EVADNE NORDMANNI	Other food
FEATHER	Other food
FISH EGGS	Other fish
FISH LARVAE	Other fish
FLABELLIFERA	Other food
FORAMINIFERA	Other food
FORAMINIFERIDA	Other food
FUCALES	Other food
FUCUS	Other food
GADICULUS ARGENTEUS	Codfishes
GADIDAE	Cod
GADIFORMES	Cod
GADUS	Cod
GADUS MORHUA	Cod
GAIDROPSARUS	Other fish
GAIDROPSARUS VULGARIS	Other fish
GALATHEA	Other food
GALATHEA SPP	Other food
GALATHEIDAE	Other food
GAMMARIDAE	Hyperiid
GAMMARIDEA	Euphausiids
GAMMARUS	Hyperiid
GAMMARUS LOCUSTA	Hyperiid
GAMMARUS WILKITZKII	Hyperiid
GASTEROSTEUS ACULEATUS	Other fish
GASTROPODA	Other food

Townhill et al. Barents Sea cod diet data from the 1930s to the present day
Supplementary Material 1

GERYON	Other food
GERYON AFFINIS	Other food
GERYON TRISPINOSUS	Other food
GERYONIDAE	Other food
GIBBULA	Other food
GLYCERA SPP	Other food
GLYPTOCEPHALUS	Flatfish
GLYPTOCEPHALUS CYNOGLOSSUS	Flatfish
GNATHOSTOMATA	Other fish
GNATHOSTOMULIDA	Other food
GOBIIDAE	Other fish
GOBIUS	Other fish
GOBIUS SPP	Other fish
GOLFINGIA MARGARITACEA	Other food
GOLFINGIA VULGARIS	Other food
GONATIDAE	Other food
GONATUS	Other food
GONATUS FABRICII	Other food
GORGONACEA	Other food
GUT EVERTED/REGURGITATED	Gut everted/regurgitated
GYMNAMMODYTES	Other fish
GYMNELUS	Other fish
GYMNELUS BARSUKOVI	Other fish
GYMNELUS RETRODORSALIS	Other fish
GYMNOCANTHUS TRICUSPIS	Other fish
GYMNOSOMATA	Other food
HAMINGIA ARCTICA	Other food
HAPTOPHYTA	Other food
HARMOTHOE IMPAR	Other food
HAUSTORIIDAE	Hyperiid
HEMIARTHURUS SPP	Other food
HENRICIA	Other food
HENRICIA OCULATA	Other food
HETAIRUS POLARIS	Euphausiids
HEXANCHIFORMES	Other food
HIPPOGLOSSOIDES	Flatfish
HIPPOGLOSSOIDES PLATESSOIDES	Long rough dab
HIPPOGLOSSUS	Flatfish
HIPPOGLOSSUS HIPPOGLOSSUS	Flatfish
HIPPOLYTE VARIANS	Shrimp
HIPPOLYTIDAE	Shrimp
HOLOTHUROIDEA	Other food
HOMARUS GAMMARUS	Other food
HOPLOCARIDA	Shrimp
HORMATHIA	Other food
HORMATHIA DIGITATA	Other food
HORMATHIA NODOSA	Other food
HORMATHIIDAE	Other food
HYALIDAE	Hyperiid
HYAS	Other food
HYAS ARANEUS	Other food
HYAS COARCTATUS	Other food
HYAS COARCTATUS	Other food
HYDROIDA (order)	Other food
HYDROIDOLINA	Other food
HYDROZOA	Other food
HYPERIA	Other food

Townhill et al. Barents Sea cod diet data from the 1930s to the present day
Supplementary Material 1

HYPERIA GALBA	Other food
HYPERIIDAE	Hyperiiids
HYPERIIDAEA	Hyperiiids
ICELUS	Other fish
ICELUS BICORNIS	Other fish
ICELUS SPATULA	Other fish
IDOTEA	Other food
IDOTEA BALTHICA	Other food
IDOTEIDAE	Other food
INACHUS	Other food
INDETERMINATUS	NA
INSECT IV (DIPTERA)	Other food
ISOPODA	Other food
ISOPOD (SPHAEROMATIDAE)	Other food
KINORHYNCHA	Other food
LAMPROPIDAE	Other food
LEBBEUS POLARIS	Shrimp
LENSIA CONOIDEA	Other food
LEPIDONOTUS SQUAMATUS	Other food
LEPTAGONUS DECAGONUS	Other fish
LEPTOCLINUS	Other fish
LEPTOCLINUS MACULATUS	Other fish
LETHENTERON CAMTSCHATICUM	Other fish
LETHENTERON JAPONICUM	Other fish
LEUCOSIIDAE	Other food
LIMACINA	Other food
LIMACINA HELICINA	Other food
LIMACINA RETROVERSA	Other food
LIMACINIDAE	Other food
LIMANDA	Flatfish
LIMANDA LIMANDA	Flatfish
LIPARIDAE	Small arctic fish
LIPARIS	Small arctic fish
LIPARIS FABRICII	Small arctic fish
LIPARIS LIPARIS	Small arctic fish
LIPARIS SPP	Other fish
LIPARISCUS	Small arctic fish
LITHODES	Other food
LITHODES MAJA	Other food
LITHODIDAE	Other food
LITTORINA SPP	Other food
LOLIGINIDAE	Other food
LOLIGO SPP	Other food
LOPHIUS PISCATORIUS	Other fish
LUMBRINERIDAE	Other food
LUMBRINERIS FRAGILIS	Other food
LUMBRINERIS SPP	Other food
LUMPENUS	Other fish
LUMPENUS FABRICII	Other fish
LUMPENUS LAMPRETAEFORMIS	Other fish
LYCAEIDAE	Other fish
LYCENCHELYS	Other fish
LYCENCHELYS SARSI	Other fish
LYCODES	Other fish
LYCODES ESMARKII	Other fish
LYCODES EUDIPLEUROSTICTUS	Other fish
LYCODES GRACILIS	Other fish

Townhill et al. Barents Sea cod diet data from the 1930s to the present day
Supplementary Material 1

LYCODES PALLIDUS	Other fish
LYCODES POLARIS	Other fish
LYCODES RETICULATUS	Other fish
LYCODES ROSSI	Other fish
LYCODES SEMINUDUS	Other fish
LYCODES VAHLII	Other fish
LYSIANASSIDAE	Other food
MACOMA	Other food
MACROPIPUS	Other food
MACROURIDAE	Other food
MACROURUS BERGLAX	Other food
MAERA LOVENI	Hyperiids
MAGNOLIOPHYTA	Other food
MAJIDAE	Other food
MALACOSTRACA	Other food
MALDANIDAE	Other food
MALLOTUS VILLOSUS	Capelin
MARGARITES GROENLANDICUS	Other food
MAUROLICUS MUELLERI	Other fish
MEGANYCTIPHANES NORVEGICA	Euphausiids
MELANOGRAMMUS	Haddock
MELANOGRAMMUS AEGLEFINUS	Haddock
MERLANGIUS MERLANGUS	Codfishes
MERLUCCIIDAE	Codfishes
MESOGASTROPODA	Other food
METRIDIA	Other food
METRIDIA LONGA	Other food
METRIDIA LUCENS	Other food
METRIDIIDAE	Other food
METRIDIUM SENILE	Other food
MICRENOPHRYS LILLJEBORGI	Other fish
MICROMESISTIUS POUTASSOU	Blue whiting
MICROSTOMUS KITT	Flatfish
MOLLUSC (LARVAE)	Other food
MOLLUSCA	Other food
MOLPADIA BOREALIS	Other food
MUNIDA	Other food
MUNIDA LONGIPES	Other food
MUNIDA SARSI	Other food
MUNNOPSIS TYPICA	Other food
MYA	Other food
MYA ARENARIA	Other food
MYA SPP	Other food
MYA TRUNCATA	Other food
MYCTOPHIDAE	Other fish
MYCTOPHIFORMES	Other fish
MYCTOPHUM PUNCTATUM	Other fish
MYIDAE	Other food
MYOPSINA	Other food
MYOXOCEPHALUS	Other fish
MYOXOCEPHALUS SCORPIUS	Other fish
MYOXOCEPHALUS SPP	Other fish
MYSIDA	Euphausiids
MYSIDAE	Euphausiids
MYSIS	Other food
MYSIS MIXTA	Other food
MYTILUS EDULIS	Other food

Townhill et al. Barents Sea cod diet data from the 1930s to the present day
Supplementary Material 1

MYXINE GLUTINOSA	Other fish
NA	NA
NATICA SPP	Other food
N-DORIDOIDEA	Other food
NEBALIA BIPES	Other food
NEMATA	Other food
NEMATODA	Other food
NEMERTEA	Other food
NEMERTEA (LARVAE)	Other food
NEOGASTROPODA	Other food
NEPHROPS NORVEGICUS	Other food
NEPHTYIDAE	Other food
NEPHTYS	Other food
NEPHTYS CAECA	Other food
NEPTUNEA	Other food
NEREIDAE	Other food
NEREIDIDAE	Other food
NEREIS	Other food
NEREIS SPP	Other food
NEROPHIS OPHIDION	Other fish
NUCULA SPP	Other food
NUCULOIDA	Other food
NUCULOIDEA	Other food
NUDIBRANCHIA	Other food
NYMPHONIDAE	Other food
OCTOCORALLIA	Other food
OCTOPODA	Other food
OCTOPODIDAE	Other food
OCTOPUS VULGARIS	Other food
OEGOPSINA	Other food
OIKOPLEURA	Other food
OIKOPLEURA SPP	Other food
OIKOPLEURIDAE	Other food
OITHONA HELGOLANDICA	Other food
OMMASTREPHES SAGITTATUS	Other food
OMMASTREPHIDAE	Other food
ONCHNESOMA SQUAMATUM	Other food
ONUPHIDAE	Other food
OPHIOCTEN SERICEUM	Other food
OPHIOLEPIDIDAE	Other food
OPHIOPHOLIS ACULEATA	Other food
OPHIOPLEURA BOREALIS	Other food
OPHIOSCOLEX GLACIALIS	Other food
OPHIOTHRIX FRAGILIS	Other food
OPHIURA	Other food
OPHIURA ROBUSTA	Other food
OPHIURA SARSI	Other food
OPHIURA SPP	Other food
OPHIURIDA	Other food
OPHIURIDA (ORDER)	Other food
OPHIURIDAE	Other food
OPHIUROIDEA	Other food
ORBINIIDAE	Other food
ORTHONECTIDA	Other food
OSMERIDAE	Other fish
OSMERUS EPERLANUS	Other fish
OSTEICHTHYES	Other fish

Townhill et al. Barents Sea cod diet data from the 1930s to the present day
Supplementary Material 1

OSTEICHTHYS – TELEOSTEI	Other fish
OSTRACODA	Other food
OSTREOIDA	Other food
OXYRHYNCHA	Other food
PAGURIDAE	Other food
PAGURUS	Other food
PAGURUS BERNHARDUS	Other food
PAGURUS PUBESCENS	Other food
PALAEEMONIDAE	Shrimp
PANDALIDAE	Shrimp
PANDALINA BREVIROSTRIS	Euphausiids
PANDALUS	Shrimp
PANDALUS BOREALIS	Shrimp
PANDALUS MONTAGUI	Shrimp
PANDALUS PROPINQUUS	Shrimp
PANDALUS SPP	Shrimp
PANTOPODA	Other food
PARAEUCHAETA NORVEGICA	Other food
PARALEPIDIDAE	Other food
PARALEPIS (NOTOLEPIS) RISSOI	Other fish
PARALITHODES CAMTSCHATICUS	Other food
PARATHEMISTO ABYSSORUM	Hyperiid
PARATHEMISTO COMPRESSA	Hyperiid
PARATHEMISTO OBLIVIA	Hyperiid
PASIPHAEA	Euphausiids
PASIPHAEA MULTIDENTATA	Shrimp
PASIPHAEA SIVADO	Shrimp
PASIPHAEIDAE	Euphausiids
PATELLIDAE	Other food
PAUROPODA	Other food
PECTEN	Other food
PECTINARIA	Other food
PECTINIDAE	Other food
PENAEOIDEA	Euphausiids
PENTAMERA CALCIGERA	Other food
PERCARIDA-ISOPODA	Other food
PETROMYZON MARINUS	Other fish
PETROMYZONTIDAE	Other fish
PHAEOPHYCEAE	Other food
PHAEOPHYTA	Other food
PHASCOLION STROMBI	Other food
PHYLLODOCIDAE	Other food
PLASTIC RUBBISH	NA
PLATYHELMINTHES	Other food
PLEUROBRACHIA PILEUS	Other food
PLEURONECTES	Flatfish
PLEURONECTES PLATESSA	Flatfish
PLEURONECTIDAE	Flatfish
PLEURONECTIFORMES	Flatfish
PLEURONECTOIDEI	Flatfish
POLLACHIUS	Other fish
POLLACHIUS VIRENS	Other fish
POLYCHAETA	Other food
POLYCHAETA	Other food
POLYNOIDAE	Other food
POLYPHYSSIA CRASSA	Other food
POLYPLACOPHORA	Other food

Townhill et al. Barents Sea cod diet data from the 1930s to the present day
Supplementary Material 1

PONTOPHILUS	Euphausiids
PONTOPHILUS NORVEGICUS	Euphausiids
PONTOPHILUS SPINOSUS	Euphausiids
PORIFERA	Other food
PORTLANDIA ARCTICA	Other food
PORTLANDIA INTERMEDIA	Other food
PRAUNUS FLEXUOSUS	Shrimp
PRAUNUS INERMIS	Shrimp
PRIAPULA	Other food
PRIAPULIDAE	Other food
PRIAPULIS CAUDATUS	Other food
PRIAPULOPSIS BICAUDATUS	Other food
PRIAPULUS CAUDATUS	Other food
PROCESSIDAE	Shrimp
PROTOZOA	Other food
PSETTA MAXIMA	Flatfish
PSEUDOCALANUS MINUTUS	Shrimp
PSILASTER ANDROMEDA	Other food
PSOLUS PHANTAPUS	Other food
PTERIINA	Other food
PYCNOGONIDA	Other food
PYCNOGONIDAE	Other food
PYCNOGONUM LITTORALE	Other food
RAJA	Other food
RAJA RADIATA	Other food
RAJA SPP	Other food
RAJA SPP (EGGS)	Other food
RAJELLA FYLLAE	Other food
RAJIDAE	Other food
RAJIFORMES	Other food
RANICEPS RANINUS	Other fish
REINHARDTIUS	Flatfish
REINHARDTIUS HIPPOGLOSSOIDES	Flatfish
RHACHOTROPIS	Hyperiid
RHACHOTROPIS ACULEATA	Hyperiid
RHACHOTROPIS MACROPUS	Hyperiid
RHODOPHYCEAE	Other food
RHODOPHYTA	Other food
ROCK/STONES	NA
ROSSIA	Other food
ROSSIA GLAUCOPIS	Other food
SABELLIDAE	Other food
SABINEA	Euphausiids
SABINEA SARSII	Euphausiids
SABINEA SEPTEMCARINATA	Other food
SADURIA	Other food
SADURIA SABINI	Other food
SAGITTA (PARASAGITTA) ELEGANS	Other food
SALMO SALAR	Other fish
SALMONIDAE	Other fish
SALMONIFORMES	Other fish
SALPIDA	Other food
SAND	NA
SARCODINA	Other food
SARS SHRIMP	Euphausiids
SCAPHOPODA	Other food
SCINA BOREALIS	Hyperiid

Townhill et al. Barents Sea cod diet data from the 1930s to the present day
Supplementary Material 1

SCLERACTINIA	Other food
SCLEROCRANGON	Shrimp
SCLEROCRANGON BOREAS	Shrimp
SCLEROCRANGON FEROX	Shrimp
SCOMBER	Other fish
SCOMBER SCOMBRUS	Other fish
SCOPHTHALMUS	Flatfish
SCORPAENIDAE	Other fish
SCORPAENIFORMES	Other fish
SCYLLARIDAE	Other food
SCYPHOZOA	Other food
SEBASTES	Redfish
SEBASTES MARINUS	Redfish
SEBASTES MENTELLA	Redfish
SEBASTES NORVEGICUS	Redfish
SEBASTES VIVIPARUS	Redfish
SEPIIDA	Other food
SEPIOLA ATLANTICA	Other food
SEPIOLIDAE	Other food
SERGESTES	Euphausiids
SERGESTES ARCTICUS	Euphausiids
SERGESTIDAE	Euphausiids
SERRIPES GROENLANDICUS	Other food
SERTELLA BEANIANA	Other food
SERTULARIIDAE	Other food
SIPHONOPHORA	Other food
SIPUNCULA	Other food
SIPUNCULIDAE	Other food
SPHAEROMATIDAE	Other food
SPIOCHAETOPTERUS TYPICUS	Other food
SPIRONTOCARIS	Euphausiids
SPIRONTOCARIS LILJEBORGII	Euphausiids
SPIRONTOCARIS LILLJEBORGII	Euphausiids
SPIRONTOCARIS SPINUS	Euphausiids
SPIRONTOCARIS spp	Euphausiids
SPIRONTOCARIS SPP	Euphausiids
STEGOCEPHALIDAE	Hyperiiids
STEGOCEPHALUS	Hyperiiids
STEGOCEPHALUS INFLATUS	Hyperiiids
STENOGLOSSA	Hyperiiids
STICHAEIDAE	Other fish
STROMATEOIDEI	Other fish
STRONGYLOCENTROTUS	Other fish
STRONGYLOCENTROTUS DROBACHIENSIS	Other food
STYLEPHORUS	Other fish
SYNGNATHIDAE	Other fish
SYNGNATHOIDEI	Other fish
SYRRHOE CRENULATA	Other food
SYSCENUS SPP	Shrimp
TANAIDACEA	Euphausiids
TANAIDAE	Euphausiids
TAURULUS BUBALIS	Other fish
TEALIA FELINA	Other food
TELEOSTEI	Other fish
TEMORA LONGICORNIS	Other food
TEMORIDAE	Other food
TEREBELLIDAE	Other food

Townhill et al. Barents Sea cod diet data from the 1930s to the present day
Supplementary Material 1

TEUTHIDA	Other food
THALIACEA	Other food
THEMISTO	Hyperiiids
THEMISTO ABYSSORUM	Hyperiiids
THEMISTO COMPRESSA	Hyperiiids
THEMISTO LIBELLULA	Hyperiiids
THYONIDIUM	Other food
THYSANOESSA	Euphausiids
THYSANOESSA INERMIS	Euphausiids
THYSANOESSA LONGICAUDATA	Euphausiids
THYSANOESSA RASCHII	Euphausiids
TISBE FURCATA	Other food
TMETONYX	Other food
TODARODES SAGITTATUS	Other food
TORPEDINIDAE	Other food
TREMATODA	Other food
TRIGLA SPP	Small arctic fish
TRIGLIDAE	Other fish
TRIGLOPS	Small arctic fish
TRIGLOPS MURRAYI	Small arctic fish
TRIGLOPS NYBELINI	Small arctic fish
TRIGLOPS PINGELII	Small arctic fish
TRISOPTERUS	Codfishes
TRISOPTERUS ESMARKI	Codfishes
TRISOPTERUS MINUTUS	Codfishes
TROCHIDAE	Other food
TUBEWORMS	Other food
TUNICATA	Other food
TURRITELLA COMMUNIS	Other food
ULCINA OLRIKII	Other food
UNREADABLE	NA
VALVIFERA	Other food
VARIATUS PISCES	Other fish
VENEROIDA	Other food
VENUS SPP	Other food
XANTHOPHYTA	Other food
YOLDIELLA	Other food
ZEUGOPTERUS NORVEGICUS	Flatfish
ZOARCIDAE	Other fish
ZOARCOIDEI	Other fish
(other)	NA
(Other)	NA