

Supplementary Table. Prey-specific index of relative importance (PSIRI) of prey taxa identified from stomach contents of yellowfin sole (*Limanda aspera*) (YFS) and northern rock sole (*Lepidopsetta polyxystra*) (NFS) sampled in coastal areas of the southeastern Bering Sea in August 2012.

Taxonomy	Identification name	AphiaID	PSIRI (%)	
			YFS	NRS
Animalia				
	Animalia eggs	2	0.04	0.04
	Invertebrate tube	2	0.44	0.03
Annelida				
Polychaeta	Polychaeta	883	13.64	9.67
Eunicida				
Onuphidae	Onuphidae	965	0.65	2.71
Opheliidae				
Ophelia	<i>Ophelia</i> spp.	129413	0	<0.01
Phyllodocida				
Goniadidae	Goniadidae	953	0	<0.01
Nereididae	Nereididae	22496	1.46	0.21
Spionida				
Spionidae	Spionidae	913	4.9	1.66
Terebellida				
Ampharetidae	Ampharetidae	981	6.25	2.87
Maldanidae	Maldanidae	923	0.64	0.69
Phyllodocidae	Phyllodocidae	931	1.05	1.3
Terebellidae	Terebellidae	982	0.75	0.01
Arthropoda				
	Crustacea	1066	0.01	0
Malacostraca				
Amphipoda	Amphipoda	1135	0.13	0
	Gammaridea	1207	2.16	6.5
Ampeliscidae	Ampeliscidae	101364	0	<0.01
Anisogammaridae				
Eogammarus	<i>Eogammarus</i> spp.	422834	0	<0.01
Ramellogammarus	<i>Ramellogammarus vancouverensis</i>	488650	0.62	0
Atylidae				
Atylus	<i>Atylus collingi</i>	101497	0.52	0
Caprellidae	Caprellidae, <4 mm	101361	0.04	0.01
	Caprellidae, 4-10 mm	101361	0.03	0
Caprella	<i>Caprella</i> spp.	101430	0.24	0
Corophiidae				
Corophium	<i>Corophium</i> spp.	101489	0	<0.01
Dulichiiidae				
Dyopedos	<i>Dyopedos unispinus</i>	101736	2.04	0.02

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			YFS	NRS
Haustoriidae				
Eohaustorius	<i>Eohaustorius</i> spp.	254327	0.02	0
Ischyroceridae	Ischyroceridae	101389	0.13	0.04
Erichthonius	<i>Erichthonius rubicornis</i>	102409	0	<0.01
Ischyrocerus	<i>Ischyrocerus</i> spp.	101569	0.62	0.43
Liljeborgiidae				
Liljeborgia	<i>Liljeborgia</i> spp.	101582	0.82	3.53
Lysianassidae	Lysianassidae	101395	0.53	0.07
Oedicerotidae				
Pacifoculodes	<i>Pacifoculodes zernovi</i>	422859	2.64	1.19
Photidae				
Gammaropsis	<i>Gammaropsis</i> spp.	101558	1.56	0
Photis	<i>Photis</i> spp.	101563	3.1	0
	<i>Photis bifurcate</i>	548640	0	<0.01
	<i>Photis macinerneyi</i>	101563	1.44	0.63
Podoceroopsis	<i>Podoceroopsis chionocetophilia</i>	101564	0.82	0.9
Phoxocephalidae				
Metaphoxus	<i>Metaphoxus</i> spp.	101720	0	1.94
Tryphosidae	Tryphosidae	176955	0	<0.01
Orchomene	<i>Orchomene</i> spp.	101633	0.57	0.12
Orchomenella	<i>Orchomenella</i> spp.	101634	0.37	0
Wecomedon	<i>Wecomedon similis</i>	422884	0.15	0.14
Hexanauplia				
	Cirripedia nauplii	1082	0.05	0
	Cirripedia cypris	1082	0.23	0
	Cirripedia adult cirri	1082	0.02	0
Calanoida				
Temoridae				
Eurytemora	<i>Eurytemora</i> spp.	104240	0	<0.01
	<i>Eurytemora herdmani</i>	157670	5.33	0.18
Stephidae				
Stephos	<i>Stephos</i> spp.	104239	0.01	0
Cyclopoida				
Oithonidae				
Oithona	<i>Oithona</i> spp.	106485	0.1	0
Harpacticoida				
Ectinosomatidae	Ectinosomatidae	115151	2.67	0.28
Ectinosoma	<i>Ectinosoma</i> spp.	115333	24.4	30.8
Harpacticidae	Harpacticidae	115153	0	<0.01
Tigriopus	<i>Tigriopus</i> spp.	115351	0.06	0

Taxonomy	Identification name	AphiaID	PSIRI (%)	
			YFS	NRS
Zaus	<i>Zaus</i> spp.	115352	0.01	0
Tisbidae	Tisbidae	115183	0	<0.01
Tisbe	<i>Tisbe</i> spp.	115484	0.04	0
Siphonostomatoida				
Caligidae				
Caligus	<i>Caligus</i> spp.	135566	0	<0.01
Malacostraca				
Cumacea	Cumacea juv/adult	1137	0.66	0.35
Bodotriidae				
Leptocuma	<i>Leptocuma</i> spp.	181418	0.01	0
Diastylidae				
Leptostylis	<i>Leptostylis</i> spp.	110403	0.46	0
Lampropidae	Lampropidae	110381	0.6	1.6
Hemilamprops	<i>Hemilamprops</i> spp.	110407	0.78	0.53
Lamprops	<i>Lamprops</i> spp.	110408	1.78	0
Nannastacidae				
Cumella	<i>Cumella</i> spp.	110416	0.08	0
Decapoda	Decapoda	1130	0.05	0
Crangonidae	Caridea zoea	106674	0.05	0.03
Crangon	Crangonidae juv/adult	106782	0.07	0.03
	<i>Crangon</i> spp. zoea	107007	0.65	0.38
	<i>Crangon</i> spp. juv/adult	107007	1.37	0.28
	<i>Crangon alaskensis</i> juv/adult	107007	0.63	0.53
Paguridae				
Pagurus	<i>Pagurus ochotensis megalops</i>	106854	0.04	0
Pandalidae	Pandalidae zoea	106789	0.02	0
Euphausiacea				
Euphausiidae	Euphausiidae juv/adult	110671	0.3	1.36
Thysanoessa	<i>Thysanoessa raschii</i> juv/adult	110679	0.46	9.78
Isopoda				
	Valvifera	13800	0.03	0.03
Cryptoniscidae				
Cryptoniscus	<i>Cryptoniscus</i> spp.	248657	0.04	0
Idoteidae	Idoteidae	118283	0.03	0
Munnidae				
Munna	<i>Munna</i> spp.	118374	0.03	0
Mysida				
Mysidae	Mysidae juv/adult	119822	0.55	2.17
	Mysidae larvae	119822	1.07	5.36
Exacanthomysis	<i>Exacanthomysis alaskensis</i>	226211	0	<0.01

Taxonomy	Identification name	AphiaID	PSIRI (%)	
			YFS	NRS
Neomysis	<i>Neomysis czerniavskii</i>	226400	0	<0.01
	<i>Neomysis kadiakensis</i>	119888	2.62	6.24
	<i>Neomysis rayii</i>	226869	0	<0.01
Pacifacanthomysis	<i>Pacifacanthomysis nephrophthalma</i>	226746	0.01	0
Xenacanthomysis	<i>Xenacanthomysis pseudomacropsis</i>	226851	0.54	2.22
Insecta	Insecta	1307	0.06	0
Ostracoda	Ostracoda	1078	0.05	0
Pycnogonida				
Pantopoda				
Ammonotheidae				
Achelia	<i>Achelia</i> spp.	134568	0.23	0
Bryozoa	Bryozoa zooids	146142	0.01	0
Chordata	Chordata			
	Tunicata	146420	0.02	0
Actinopterygii	Actinopterygii	10194	0.7	0
	Actinopterygii egg	10194	0.01	0
Cnidaria	Cnidaria	1267	0.05	0
	Hydrozoa	1337	2.55	0
Mollusca				
Bivalvia	Bivalvia juv/adult	105	0.64	0.07
Gastropoda		101	0.16	0
Thecosomata		13703	0.11	0
Nematoda		799	0.39	0.23
Chromista				
Ochrophyta				
Phaeophyceae	Phaeophyceae	830	0.4	0
Plantae		3	0.36	0.24