Supplementary Table 6. Split-sample frequency of occurrence (SSFO) by prey group and by the lowest taxon identified for prey consumed by California sea lions (*Zalophus californianus*) by year and for fall in each year sampled in northwest Washington during 2010–2013. Split-sample frequency of occurrence calculations for prey group and for the lowest taxon identified were performed separately and as a result have slightly different values.

	2010	2011	2012	Fall 2010	Fall 2011	Fall 2012
No. of samples containing >0 identifiable prey	39	96	116	39	49	70
Prey group			SSFO			
Herrings, shads, sardines: family Clupeidae	41.8%	36.7%	38.2%	41.8%	46.8%	51.0%
Clupeids, unidentified	20.7%	13.0%	10.5%	20.7%	14.0%	11.5%
Pacific herring (*Clupea pallasii*)	19.3%	8.2%	15.8%	19.3%	4.7%	20.6%
Pacific sardine (*Sardinops sagax*)	1.5%	9.3%	7.3%	1.5%	18.3%	12.1%
American shad (*Alosa sapidissima*)	1.3%	8.6%	5.6%	1.3%	13.5%	8.3%
Salmon: family Salmonidae	11.6%	11.7%	15.5%	11.6%	12.1%	16.4%
Salmon or trout, unidentified	11.5%	11.1%	15.3%	11.5%	11.1%	16.1%
Rockfishes: family Sebastidae	0.0%	11.1%	10.8%	0.0%	2.5%	2.7%
Rockfish (*Sebastes* spp.)	0.0%	10.8%	10.8%	0.0%	2.4%	2.7%
Skates: family Rajidae	1.3%	1.8%	2.2%	1.3%	0.5%	1.5%
Skates, unidentified	1.3%	1.6%	2.1%	1.3%	0.5%	1.5%
Dogfish sharks: family Squalidae	3.1%	8.5%	8.7%	3.1%	7.8%	6.4%
Pacific spiny dogfish (*Squalus suckleyi*)	3.0%	8.0%	8.7%	3.0%	7.0%	6.4%
Flatfishes: order Pleuronectiformes	4.7%	3.0%	4.7%	4.7%	2.6%	3.9%
Starry flounder (*Platichthys stellatus*)	0.9%	0.0%	1.1%	0.9%	0.0%	0.5%
Righteye flounders, family Pleuronectidae	2.6%	0.3%	0.7%	2.6%	0.3%	1.0%
Arrowtooth flounder (*Atheresthes stomias*)	0.0%	1.0%	2.4%	0.0%	1.9%	1.9%
Flatfishes, unidentified	0.0%	0.6%	0.0%	0.0%	0.2%	0.0%
Dover sole (*Microstomus pacificus*)	0.0%	0.7%	0.6%	0.0%	0.2%	0.8%
Rex sole (*Glyptocephalus zachirus*)	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%
Sanddabs (*Citharichthys* spp.)	1.3%	0.5%	0.0%	1.3%	0.0%	0.0%
Hakes: family Merlucciidae	23.4%	13.5%	5.5%	23.4%	18.0%	4.6%
Pacific hake (*Merluccius productus*)	23.0%	13.0%	5.3%	23.0%	17.0%	4.5%
Anchovies: family Engraulidae	10.7%	6.2%	2.1%	10.7%	7.1%	2.2%
Northern anchovy (*Engraulis mordax*)	10.5%	5.9%	1.9%	10.5%	6.5%	2.0%
Squids and octopuses: class Cephalopoda	0.9%	3.5%	4.9%	0.9%	1.0%	2.5%
Squids and octopuses, unidentified	0.9%	2.0%	3.1%	0.9%	0.0%	0.5%
Octopuses, unidentified	0.0%	1.3%	1.3%	0.0%	0.7%	1.1%
Squids, unidentified	0.0%	0.1%	0.3%	0.0%	0.2%	0.5%

Prey group	SSFO			Fall 2010	Fall 2011	Fall 2012
	2010	2011	2012	2010	2011	2012
Cods: family Gadidae	1.3%	0.6%	3.3%	1.3%	0.0%	3.0%
Cods, unidentified	1.3%	0.6%	1.6%	1.3%	0.0%	1.5%
Pacific cod (*Gadus macrocephalus*)	0.0%	0.0%	1.0%	0.0%	0.0%	0.7%
Walleye pollock (*Gadus chalcogrammus*)	0.0%	0.0%	0.3%	0.0%	0.0%	0.5%
Pacific tomcod (*Microgadus proximus*)	0.0%	0.0%	0.3%	0.0%	0.0%	0.3%
Greenlings: family Hexagrammidae	0.0%	0.5%	0.7%	0.0%	0.0%	1.2%
Lingcod (*Ophiodon elongatus*)	0.0%	0.5%	0.3%	0.0%	0.0%	0.5%
Hexagrammids, unidentified	0.0%	0.0%	0.3%	0.0%	0.0%	0.5%
Smelts: family Osmeridae	0.4%	1.2%	2.1%	0.4%	1.2%	3.5%
Smelts, unidentified	0.4%	1.1%	2.1%	0.4%	0.9%	3.5%
Eulachon (*Thaleichthys pacificus*)	0.0%	0.1%	0.0%	0.0%	0.2%	0.0%
Sand lances: family Ammodytidae	0.0%	0.0%	0.5%	0.0%	0.0%	0.0%
Pacific sand lance (*Ammodytes hexapterus*)	0.0%	0.0%	0.5%	0.0%	0.0%	0.0%
Lampreys: family Petromyzontidae	0.0%	0.3%	0.2%	0.0%	0.0%	0.4%
Pacific lamprey (*Entosphenus tridentatus*)	0.0%	0.3%	0.1%	0.0%	0.0%	0.2%
Sculpins: family Cottidae	0.0%	0.0%	0.2%	0.0%	0.0%	0.4%
Sculpins, unidentified	0.0%	0.0%	0.2%	0.0%	0.0%	0.3%
Snailfishes: family Liparidae	0.0%	0.0%	0.2%	0.0%	0.0%	0.4%
Snailfishes, unidentified	0.0%	0.0%	0.2%	0.0%	0.0%	0.4%
Hagfishes: family Myxinidae	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%
Pacific hagfish (*Eptatretus stoutii*)	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%
Eelpouts: family Zoarcidae	0.0%	1.0%	0.0%	0.0%	0.0%	0.0%
Eelpouts, unidentified	0.0%	1.0%	0.0%	0.0%	0.0%	0.0%
Jacks: family Carangidae	0.9%	0.2%	0.0%	0.9%	0.3%	0.0%
Jack mackerel (*Trachurus symmetricus*)	0.6%	0.1%	0.0%	0.6%	0.3%	0.0%