

Supplementary Table 3

Average seasonal split-sample frequency of occurrence (SSFO) of salmon in total and by size class and species for 2010–2013 in northwest Washington by Steller sea lions (*Eumetopias jubatus*) and California sea lions (*Zalophus californianus*). No scat samples were collected for California sea lions during winter; the total consumption estimates for California sea lions are partial-year estimates from spring through fall. Species of salmon were identified by analyzing bones found in sea lion scat. The size classes are small (<25 cm total length), large (≥50 cm total length), and unclassified. The calculated SSFO estimates for the family Salmonidae include only family and higher order groups of prey; the SSFO estimates for individual species within size classes include all prey identified to the lowest possible taxonomic level, with salmon species of different size classes treated as unique species. The total estimated SSFO of the individual species does not equal the SSFO of the family group of salmon because of the use of different calculations.

Prey	Steller sea lion					California sea lion			
	Spring	Summer	Fall	Winter	Total	Spring	Summer	Fall	Spring–fall
Salmon (Salmonidae)	12.6%	5.7%	15.1%	15.7%	11.7%	11.5%	13.9%	13.9%	13.5%
Small size class	3.1%	0.9%	1.3%	4.9%	2.3%	1.3%	0.3%	0.9%	0.8%
Coho salmon	2.0%	0.2%	0.6%	3.6%	1.4%	0.0%	0.3%	0.3%	0.2%
Chum salmon	0.1%	0.0%	0.2%	0.0%	0.1%	0.0%	0.0%	0.4%	0.3%
Chinook salmon	0.6%	0.4%	0.0%	0.0%	0.3%	0.3%	0.0%	0.0%	0.0%
Steelhead	0.0%	0.0%	0.0%	0.3%	0.0%	0.4%	0.0%	0.0%	0.1%
Pink salmon	0.0%	0.1%	0.0%	0.4%	0.1%	0.0%	0.0%	0.2%	0.1%
Sockeye salmon	0.0%	0.0%	0.0%	0.0%	0.0%	0.5%	0.0%	0.0%	0.1%
Unidentified	0.3%	0.1%	0.5%	0.6%	0.4%	0.0%	0.0%	0.0%	0.0%

Prey	Steller sea lion					California sea lion			
	Spring	Summer	Fall	Winter	Total	Spring	Summer	Fall	Spring-fall
Unclassified	8.8%	2.6%	8.5%	11.8%	7.3%	8.8%	9.8%	5.0%	6.6%
Coho salmon	4.0%	0.3%	3.0%	6.5%	3.0%	2.7%	4.4%	1.8%	2.4%
Chum salmon	0.4%	0.6%	2.4%	0.8%	1.0%	2.4%	0.0%	2.2%	1.8%
Chinook salmon	1.2%	0.0%	0.4%	0.3%	0.4%	0.0%	0.0%	0.6%	0.4%
Steelhead	0.7%	0.0%	1.1%	1.7%	0.8%	0.0%	0.4%	0.0%	0.1%
Pink salmon	0.3%	1.0%	0.3%	0.6%	0.6%	2.5%	1.6%	0.2%	0.9%
Sockeye salmon	0.0%	0.0%	0.0%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%
Unidentified	2.3%	0.7%	1.4%	1.7%	1.5%	1.1%	3.4%	0.2%	1.0%
Large size class	1.2%	2.3%	5.8%	0.3%	2.5%	1.6%	3.7%	7.7%	5.9%
Coho salmon	0.7%	0.3%	2.9%	0.0%	1.0%	0.0%	1.6%	5.0%	3.4%
Chum salmon	0.0%	0.2%	1.9%	0.0%	0.5%	0.5%	1.1%	1.2%	1.0%
Chinook salmon	0.2%	0.0%	0.1%	0.0%	0.1%	0.0%	0.0%	0.5%	0.3%
Steelhead salmon	0.3%	0.1%	0.0%	0.3%	0.2%	0.5%	0.0%	0.0%	0.1%
Pink	0.0%	0.9%	0.1%	0.0%	0.3%	0.5%	1.1%	0.1%	0.4%
Sockeye	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.5%	0.3%
Unidentified	0.0%	0.7%	0.8%	0.0%	0.4%	0.0%	0.0%	0.4%	0.3%