

Supplementary Table

Summary information of gladius morphometric variables of jumbo squid (*Dosidicus gigas*) sampled off Costa Rica Dome (CRD), off the Peruvian exclusive economic zone (PE), and in offshore waters of the central eastern Pacific (CEP) in 2009, 2013, and 2014. Mean values, with standard deviations (SDs) and ranges (minimum and maximum) are given for conus length (CL), the maximum width of conus (CW), proostracum length (PL), the maximum width of proostracum (PW), length from anterior tip of conus to the widest point of proostracum (PWL), length from anterior tip of conus to proximal end of lateral plates (LPL), and width between 2 anterior apices of lateral plates (LPW). n =number of squid for each geographic population.

Variables	n	CRD 105	PE 282	CEP 175
CL		5.1 ± 0.7 (3.5, 8.0)	5.2 ± 1.2 (2.9, 9.6)	6.1 ± 0.8 (4.2, 8.9)
CW		0.8 ± 0.1 (0.5, 1.5)	0.8 ± 0.2 (0.4, 1.5)	1.0 ± 0.2 (0.6, 1.5)
PL		23.2 ± 2.4 (16.4, 31.7)	21.7 ± 3.7 (15.4, 37.5)	23.9 ± 2.8 (17.3, 31.4)
PW		17.7 ± 1.8 (12.6, 23.4)	16.6 ± 2.9 (12.0, 29.5)	18.4 ± 2.3 (13.2, 25.3)
PWL		1.2 ± 0.2 (0.8, 1.8)	1.2 ± 0.3 (0.7, 2.2)	1.3 ± 0.2 (0.8, 1.9)
LPL		21.7 ± 2.2 (15.5, 29.0)	20.6 ± 3.6 (14.6, 35.2)	22.4 ± 2.7 (16.3, 30.1)
LPW		1.4 ± 0.2 (0.9, 2.1)	1.4 ± 0.3 (0.9, 2.5)	1.5 ± 0.2 (0.9, 2.1)