

**Appendix B: CRANE Data Tables 2011 – 2017.**

For all tables included in Appendix B, site designations are color coded as follows: Blue – Control, Yellow – Restoration, and Reference – Green.

Restoration began in 2015 at the site Marguerite Central (previously a control site) and was completed in the fall of 2016. Marguerite Central is designated as Restoration for the 2017 surveys.

Table B1. CRANE Survey Metadata.

CRANE Survey Date								
						Spring	Summer	
<b>Site</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2016</b>	<b>2017</b>
Abalone Cove Kelp West	5/27/2011	6/22/2012	6/21/2013	7/25/2014	9/2/2015	2/10/2016	6/29/2016	7/21/2017
Marguerite Central	5/3/2011	6/8/2012	7/3/2013	6/20/2014	9/23/2015	2/10/2016	7/26/2016	7/18/2017
Golden Cove	2/7/2011	6/12/2012	6/12/2013	7/11/2014	9/23/2015	2/10/2016	6/22/2016	7/18/2017
Honeymoon Cove	1/28/2011	3/13/2012	5/31/2013	7/2/2014	8/19/2015	2/10/2016	6/22/2016	7/18/2017
Point Vicente West	10/12/2011	8/10/2012	4/24/2013	4/18/2014	9/23/2015	2/10/2016	6/22/2016	7/21/2017
Rocky Point North	6/24/2011	6/29/2012	7/2/2013	7/11/2014	9/25/2015	2/10/2016	6/10/2016	6/29/2017
Bottom Temperature (°C)								
						Spring	Summer	Summer
<b>Site</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2016</b>	<b>2017</b>
Abalone Cove Kelp West	16	13	18	17	20	14	14	20
Marguerite Central	15	17	17	20	22	14	14	20
Golden Cove	15	19	15	15	22	14	14	17
Honeymoon Cove	15	12	18	16	21	14	14	20
Point Vicente West	11	19	15	14	21	14	14	21
Rocky Point North	18	15	18	21	21	15	15	18
Coordinates								
<b>Site</b>	<b>Latitude</b>	<b>Longitude</b>						
Abalone Cove Kelp West	33.73942	-118.38828						
Marguerite Central	33.75694	-118.41772						
Golden Cove	33.75300	-118.41507						
Honeymoon Cove	33.76490	-118.42339						
Point Vicente West	33.74093	-118.41257						
Rocky Point North	33.77942	-118.42731						



Table B4. Density of kelp forest invertebrate species (individuals per 100 meters squared).

Species	Designation	Site	2011		2012		2013		2014		2015		Spring 2016		Summer 2016		2017	
			Mean Density (#/100m <sup>2</sup> )	SE	Mean Density (#/100m <sup>2</sup> )	SE	Mean Density (#/100m <sup>2</sup> )	SE	Mean Density (#/100m <sup>2</sup> )	SE	Mean Density (#/100m <sup>2</sup> )	SE	Mean Density (#/100m <sup>2</sup> )	SE	Mean Density (#/100m <sup>2</sup> )	SE	Mean Density (#/100m <sup>2</sup> )	SE
<i>Anthopleura elegantissima</i>	Control	Abalone Cove Kelp West	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Marguerite Central	272.5	207.5	3.3	3.3	—	—	—	—	—	—	—	—	—	—	—	—
	Restoration	Underwater Arch Cove	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Honeymoon Cove	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Reference	Point Vicente West	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Rocky Point North	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
<i>Anthopleura sola</i>	Control	Abalone Cove Kelp West	42.5	25.8	3.3	—	10.0	3.3	90.0	58.3	—	—	1.7	—	4.2	4.2	3.3	3.3
		Marguerite Central	79.2	52.5	34.2	20.8	85.8	9.2	33.3	10.0	16.7	—	63.3	10.0	10.0	1.7	7.5	0.8
	Restoration	Underwater Arch Cove	52.5	5.8	115.0	51.7	24.2	10.8	18.3	5.0	4.2	2.5	40.8	7.5	18.3	5.0	7.8	3.9
		Honeymoon Cove	—	—	5.0	1.7	—	—	1.7	1.7	—	—	3.3	3.3	1.7	1.7	—	—
	Reference	Point Vicente West	85.8	4.2	155.8	77.5	144.2	44.2	198.3	6.7	0.8	0.8	8.3	1.7	3.3	1.7	—	—
Rocky Point North	0.8	0.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
<i>Aplysia vaccaria</i>	Control	Abalone Cove Kelp West	—	—	—	—	—	—	—	—	7.5	7.5	—	—	—	—	—	—
		Marguerite Central	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Restoration	Underwater Arch Cove	—	—	—	—	—	—	—	—	—	—	—	—	12.5	4.2	—	—
		Honeymoon Cove	—	—	—	—	—	—	0.8	0.8	—	—	3.3	1.7	3.3	1.7	—	—
	Reference	Point Vicente West	—	—	—	—	—	—	—	—	—	—	—	—	2.5	2.5	—	—
Rocky Point North	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
<i>Centrostephanus coronatus</i>	Control	Abalone Cove Kelp West	—	—	—	—	—	—	—	—	1.7	1.7	0.8	0.8	7.5	4.2	—	—
		Marguerite Central	—	—	—	—	—	—	—	—	—	—	4.2	0.8	—	—	—	—
	Restoration	Underwater Arch Cove	—	—	—	—	—	—	—	—	0.8	0.8	—	—	—	—	—	—
		Honeymoon Cove	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Reference	Point Vicente West	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Rocky Point North	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
<i>Megastrea undosa</i>	Control	Abalone Cove Kelp West	—	—	—	—	—	—	—	—	4.2	0.8	14.2	5.8	25.8	15.8	26.7	13.3
		Marguerite Central	—	—	—	—	—	—	—	—	0.8	0.8	73.3	63.3	75.0	50.0	50.8	22.5
	Restoration	Underwater Arch Cove	—	—	—	—	—	—	0.8	0.8	5.0	5.0	33.3	5.0	29.2	12.5	8.9	4.5
		Honeymoon Cove	2.5	0.8	—	—	0.8	0.8	0.8	0.8	9.2	0.8	9.2	7.5	0.8	0.8	26.7	8.3
	Reference	Point Vicente West	—	—	—	—	0.8	0.8	—	—	1.7	—	1.7	1.7	—	—	3.3	1.7
Rocky Point North	27.5	9.2	25.8	4.2	4.2	0.8	0.8	0.8	3.3	—	2.5	2.5	—	—	0.8	0.8		
<i>Panulirus interruptus</i>	Control	Abalone Cove Kelp West	0.8	0.8	—	—	—	—	—	—	—	—	6.7	6.7	0.8	0.8	—	—
		Marguerite Central	—	—	—	—	—	—	—	—	4.2	4.2	—	—	—	—	—	—
	Restoration	Underwater Arch Cove	—	—	—	—	0.8	0.8	—	—	—	—	—	—	0.8	0.8	—	—
		Honeymoon Cove	—	—	—	—	—	—	—	—	—	—	—	—	1.7	—	0.8	0.8
	Reference	Point Vicente West	2.5	0.8	0.8	0.8	1.7	1.7	0.8	0.8	5.0	5.0	1.7	1.7	—	—	5.0	3.3
Rocky Point North	—	—	—	—	1.7	1.7	2.5	2.5	1.7	—	—	—	—	—	—	—	—	
<i>Patiria miniata</i>	Control	Abalone Cove Kelp West	20.8	5.8	11.7	1.7	5.0	1.7	2.5	2.5	—	—	—	—	—	—	—	—
		Marguerite Central	1.7	1.7	13.3	6.7	0.8	0.8	—	—	—	—	—	—	—	—	—	—
	Restoration	Underwater Arch Cove	10.8	2.5	21.7	1.7	—	—	—	—	—	—	—	—	0.8	0.8	—	—
		Honeymoon Cove	35.0	10.0	8.3	—	20.0	5.0	—	—	—	—	—	—	—	—	—	—
	Reference	Point Vicente West	—	—	—	—	0.8	0.8	0.8	0.8	—	—	—	—	—	—	—	—
Rocky Point North	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
<i>Pisaster giganteus</i>	Control	Abalone Cove Kelp West	25.0	1.7	33.3	10.0	23.3	5.0	0.8	0.8	—	—	—	—	0.8	0.8	—	—
		Marguerite Central	29.2	14.2	20.0	1.7	26.7	10.0	—	—	—	—	—	—	—	—	—	—
	Restoration	Underwater Arch Cove	6.7	1.7	15.8	2.5	—	—	—	—	—	—	—	—	—	—	—	—
		Honeymoon Cove	6.7	1.7	3.3	—	1.7	—	—	—	—	—	—	—	—	—	—	—
	Reference	Point Vicente West	21.7	8.3	8.3	3.3	10.0	—	—	—	—	—	—	—	—	—	—	—
Rocky Point North	1.7	1.7	—	—	1.7	1.7	—	—	—	—	—	—	—	—	—	—	—	
<i>Pisaster ochraceus</i>	Control	Abalone Cove Kelp West	30.0	5.0	3.3	—	5.0	3.3	—	—	—	—	0.8	0.8	0.8	0.8	—	—
		Marguerite Central	23.3	6.7	8.3	—	10.8	5.8	0.8	0.8	—	—	—	—	—	—	—	—
	Restoration	Underwater Arch Cove	20.8	5.8	12.5	2.5	1.7	—	—	—	—	—	—	—	—	—	—	—
		Honeymoon Cove	9.2	4.2	3.3	1.7	1.7	1.7	—	—	—	—	—	—	—	—	—	—
	Reference	Point Vicente West	23.3	6.7	8.3	3.3	5.0	1.7	—	—	—	—	—	—	—	—	—	—
Rocky Point North	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
<i>Strongylocentrotus franciscanus</i>	Control	Abalone Cove Kelp West	464.2	220.8	165.8	129.2	110.0	10.0	50.0	11.7	0.8	0.8	2.5	2.5	10.0	3.3	4.2	2.5
		Marguerite Central	45.0	16.7	58.3	30.0	12.5	0.8	8.3	3.3	2.5	2.5	1.7	1.7	0.8	0.8	—	—
	Restoration	Underwater Arch Cove	54.2	17.5	33.3	13.3	23.3	18.3	42.5	7.5	2.5	0.8	1.7	—	0.8	0.8	3.9	1.1
		Honeymoon Cove	63.3	1.7	44.2	0.8	34.2	4.2	11.7	1.7	7.5	2.5	2.5	0.8	—	—	0.8	0.8
	Reference	Point Vicente West	31.7	10.0	55.8	27.5	32.5	4.2	26.7	10.0	2.5	0.8	0.8	0.8	3.3	—	—	—
Rocky Point North	5.0	5.0	9.2	9.2	1.7	1.7	0.8	0.8	—	—	—	—	—	—	—	—	—	
<i>Strongylocentrotus purpuratus</i>	Control	Abalone Cove Kelp West	1250.0	250.0	902.5	267.5	462.5	87.5	1567.5	317.5	11.7	1.7	50.0	18.3	21.7	5.0	9.2	0.8
		Marguerite Central	2450.0	900.0	5765.0	1526.7	1499.2	80.8	1705.8	302.5	193.3	50.0	182.5	25.8	43.3	3.3	0.8	0.8
	Restoration	Underwater Arch Cove	2195.8	470.8	939.2	349.2	1008.3	465.0	24.2	10.8	1.7	—	3.3	3.3	0.8	0.8	8.9	0.6
		Honeymoon Cove	1541.7	141.7	1222.5	215.8	1223.3	303.3	325.0	298.3	9.2	0.8	6.7	5.0	16.7	16.7	6.7	1.7
	Reference	Point Vicente West	247.5	75.8	490.8	369.2	535.8	47.5	185.8	5.8	16.7	5.0	19.2	12.5	12.5	0.8	15.0	3.3
Rocky Point North	15.8	7.5	30.8	12.5	10.0	8.3	3.3	—	—	5.8	5.8	0.8	0.8	—	—	0.8	0.8	

**Table B5. Fish Density (individuals per 100 meters squared).**

Species	Designation	Site	2011		2012		2013		2014		2015		Spring 2016		Summer 2016		2017		
			Mean Density (#/100m <sup>2</sup> )	SE	Mean Density (#/100m <sup>2</sup> )	SE	Mean Density (#/100m <sup>2</sup> )	SE	Mean Density (#/100m <sup>2</sup> )	SE	Mean Density (#/100m <sup>2</sup> )	SE	Mean Density (#/100m <sup>2</sup> )	SE	Mean Density (#/100m <sup>2</sup> )	SE	Mean Density (#/100m <sup>2</sup> )	SE	
<i>Anisotremus davidsonii</i>	Control	Abalone Cove Kelp West	—	—	—	—	—	—	—	—	27.9	20.9	—	—	—	—	1.3	1.3	
		Marguerite Central	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Restoration	Underwater Arch Cove	—	—	—	—	—	—	—	—	0.4	0.4	—	—	—	—	—	—	—
		Honeymoon Cove	—	—	—	—	—	—	—	—	—	—	—	—	0.8	0.5	2.5	2.5	—
Reference	Point Vicente West	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	Rocky Point North	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.4	4.9	
<i>Chromis punctipinnis</i>	Control	Abalone Cove Kelp West	14.6	7.6	—	—	4.2	4.2	4.6	2.7	—	—	11.7	11.7	—	—	0.8	0.8	
		Marguerite Central	0.8	0.8	—	—	6.3	5.2	—	—	—	—	—	—	—	—	—	—	—
	Restoration	Underwater Arch Cove	1.3	1.3	1.3	1.3	0.4	0.4	2.1	0.8	—	—	—	—	21.3	8.5	2.5	2.5	—
		Honeymoon Cove	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Reference	Point Vicente West	—	—	—	—	—	—	8.3	5.5	—	—	22.5	21.4	2.9	1.3	—	—	—	
	Rocky Point North	0.4	0.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
<i>Embiotoca jacksoni</i>	Control	Abalone Cove Kelp West	1.7	1.2	0.4	0.4	3.8	2.2	2.9	1.3	0.8	0.8	1.3	0.8	0.8	0.5	4.2	3.1	
		Marguerite Central	0.4	0.4	2.1	0.8	1.7	0.7	2.1	1.3	1.3	0.8	0.8	0.5	0.8	0.5	2.1	1.3	—
	Restoration	Underwater Arch Cove	2.9	2.4	0.4	0.4	0.4	0.4	0.8	0.8	0.8	0.5	0.4	0.4	—	—	0.4	0.4	—
		Honeymoon Cove	—	—	0.4	0.4	—	—	—	—	—	—	—	—	0.8	0.5	—	—	—
Reference	Point Vicente West	1.7	0.7	0.4	0.4	6.3	0.8	2.5	1.1	1.3	0.8	2.5	1.4	0.8	0.8	—	—	—	
	Rocky Point North	2.9	1.4	3.8	1.7	0.4	0.4	0.8	0.5	0.8	0.5	3.3	2.8	—	—	—	—	—	
<i>Girella nigricans</i>	Control	Abalone Cove Kelp West	1.3	0.8	0.4	0.4	1.3	1.3	0.8	0.5	—	—	—	—	2.1	1.0	—	—	
		Marguerite Central	—	—	1.7	1.7	—	—	0.4	0.4	20.0	13.1	5.4	3.1	31.7	13.4	0.4	0.4	
	Restoration	Underwater Arch Cove	4.2	3.6	0.4	0.4	—	—	0.4	0.4	—	—	0.4	0.4	—	—	0.8	0.5	
		Honeymoon Cove	—	—	—	—	—	—	—	—	0.8	0.8	—	—	1.3	0.8	—	—	—
Reference	Point Vicente West	—	—	—	—	1.3	0.8	1.7	1.2	0.4	0.4	0.8	0.5	0.8	0.5	1.3	0.8	—	
	Rocky Point North	—	—	0.8	0.8	—	—	1.7	1.0	1.3	0.8	3.8	2.2	0.4	0.4	—	—	—	
<i>Halichoeres semicinctus</i>	Control	Abalone Cove Kelp West	—	—	0.4	0.4	—	—	—	—	2.5	0.5	4.6	1.4	2.1	0.4	8.3	3.1	
		Marguerite Central	—	—	—	—	—	—	—	—	7.5	1.6	7.9	4.9	28.3	12.1	—	—	—
	Restoration	Underwater Arch Cove	0.8	0.5	—	—	0.4	0.4	0.8	0.8	2.1	0.8	2.1	0.8	1.7	1.2	16.3	11.8	
		Honeymoon Cove	—	—	—	—	—	—	2.9	1.7	—	—	4.6	0.8	5.0	1.2	6.7	1.2	—
Reference	Point Vicente West	0.4	0.4	—	—	0.4	0.4	—	—	1.3	0.4	2.9	0.4	3.8	0.4	1.3	0.4	—	
	Rocky Point North	2.1	1.6	—	—	5.0	2.4	0.4	0.4	8.3	2.0	3.8	1.3	—	—	4.2	1.6	—	
<i>Hermosilla azurea</i>	Control	Abalone Cove Kelp West	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
		Marguerite Central	—	—	—	—	—	—	—	—	1.3	0.8	0.4	0.4	22.5	13.4	—	—	—
	Restoration	Underwater Arch Cove	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.4	0.4	—
		Honeymoon Cove	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Reference	Point Vicente West	—	—	—	—	—	—	—	—	0.4	0.4	0.4	0.4	0.4	0.4	0.8	0.5	—	
	Rocky Point North	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
<i>Hypsypops rubicundus</i>	Control	Abalone Cove Kelp West	4.6	0.8	4.6	1.3	2.5	1.1	1.7	1.2	0.8	0.8	0.8	0.5	1.3	0.8	6.7	2.6	
		Marguerite Central	—	—	5.8	2.2	4.2	1.1	6.3	2.3	7.1	4.4	2.1	0.4	16.7	7.6	5.4	3.8	—
	Restoration	Underwater Arch Cove	1.3	0.8	0.8	0.8	0.4	0.4	3.3	1.5	3.3	1.9	4.6	1.4	2.9	1.3	6.3	3.8	—
		Honeymoon Cove	—	—	—	—	—	—	—	—	—	—	0.8	0.5	1.7	1.7	0.8	0.8	—
Reference	Point Vicente West	5.0	1.7	2.1	0.8	5.4	1.8	7.9	3.0	7.9	2.3	5.0	0.7	5.8	1.1	5.0	1.7	—	
	Rocky Point North	1.7	0.7	2.1	1.0	1.7	0.7	—	—	0.8	0.5	1.7	—	—	—	—	—	—	
<i>Medialuna californiensis</i>	Control	Abalone Cove Kelp West	—	—	—	—	0.4	0.4	0.8	0.5	—	—	—	—	0.8	0.5	—	—	
		Marguerite Central	—	—	0.4	0.4	—	—	—	—	4.2	2.5	—	—	0.4	0.4	—	—	—
	Restoration	Underwater Arch Cove	—	—	—	—	—	—	—	—	2.5	1.4	—	—	—	—	—	—	—
		Honeymoon Cove	—	—	—	—	—	—	—	—	—	—	—	—	0.4	0.4	—	—	—
Reference	Point Vicente West	0.4	0.4	—	—	—	—	—	—	2.5	0.8	0.8	0.8	1.3	0.8	0.8	0.8	—	
	Rocky Point North	—	—	—	—	—	—	—	—	—	—	1.3	1.3	—	—	—	—	—	
<i>Oxyjulis californica</i>	Control	Abalone Cove Kelp West	5.4	1.7	0.4	0.4	—	—	—	—	0.8	0.8	1.3	1.3	0.4	0.4	—	—	
		Marguerite Central	—	—	0.8	0.8	2.9	1.8	3.8	2.2	5.4	4.9	—	—	2.9	1.4	—	—	—
	Restoration	Underwater Arch Cove	—	—	0.4	0.4	0.8	0.8	1.7	1.2	—	—	—	—	—	—	—	—	—
		Honeymoon Cove	—	—	—	—	—	—	0.8	0.8	2.9	1.3	—	—	0.4	0.4	12.1	5.6	—
Reference	Point Vicente West	13.3	6.7	2.1	1.0	1.3	0.4	23.3	7.9	—	—	—	—	—	—	8.8	8.2	—	
	Rocky Point North	0.4	0.4	0.8	0.5	—	—	0.4	0.4	—	—	—	—	—	—	—	—	—	
<i>Paralabrax clathratus</i>	Control	Abalone Cove Kelp West	0.4	0.4	—	—	0.8	0.5	0.4	0.4	1.3	0.4	2.1	1.0	2.1	1.6	1.7	0.7	
		Marguerite Central	—	—	1.3	1.3	1.7	1.2	3.3	0.7	5.0	3.0	1.7	0.7	7.1	3.8	11.3	0.8	—
	Restoration	Underwater Arch Cove	—	—	0.4	0.4	0.4	0.4	6.7	4.5	4.2	2.2	2.9	0.8	4.6	1.3	17.1	8.3	—
		Honeymoon Cove	—	—	—	—	0.8	0.5	1.3	0.4	0.8	0.8	0.4	0.4	2.1	0.4	4.2	3.6	—
Reference	Point Vicente West	—	—	—	—	0.8	0.5	—	—	2.9	0.4	1.3	0.4	4.6	1.8	7.5	1.1	—	
	Rocky Point North	1.7	0.7	2.5	1.4	6.7	1.9	2.1	0.8	4.2	1.6	2.5	1.4	0.4	0.4	2.5	1.6	—	
<i>Paralabrax nebulifer</i>	Control	Abalone Cove Kelp West	—	—	0.4	0.4	—	—	1.3	0.8	0.8	0.5	2.1	1.6	2.9	1.3	0.4	0.4	
		Marguerite Central	0.4	0.4	—	—	0.4	0.4	1.3	0.8	—	—	0.8	0.8	2.1	1.3	0.8	0.5	—
	Restoration	Underwater Arch Cove	—	—	—	—	—	—	1.3	0.8	—	—	0.4	0.4	0.4	0.4	1.3	0.8	—
		Honeymoon Cove	—	—	—	—	—	—	0.8	0.5	—	—	—	—	—	—	—	—	—
Reference	Point Vicente West	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	Rocky Point North	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
<i>Semicossyphus pulcher</i>	Control	Abalone Cove Kelp West	—	—	0.4	0.4	0.4	0.4	—	—	0.8	0.5	0.8	0.8	—	—	1.3	1.3	
		Marguerite Central	0.4	0.4	0.4	0.4	—	—	0.8	0.5	—	—	1.3	0.8	2.9	1.8	0.8	0.5	—
	Restoration	Underwater Arch Cove	0.4	0.4	1.3	0.4	—	—	0.4	0.4	—	—	0.8	0.5	2.9	1.8	1.7	1.7	—
		Honeymoon Cove	—	—	—	—	—	—	—	—	0.4	0.4	0.4	0.4	0.8	0.8	—	—	—
Reference	Point Vicente West	0.4	0.4	—	—	—	—	1.3	0.8	0.8	0.5	1.3	0.4	2.5	1.6	0.4	0.4	—	
	Rocky Point North	0.8	0.8	1.7	0.7	3.8	0.4	0.4	0.4	0.4	0.4	0.8	0.8	0.4	0.4	—	—	—	

**Table B6. Fish Biomass (individuals per 100 meters squared).**

Species	Designation	Site	2011		2012		2013		2014		2015		Spring 2016		Summer 2016		2017	
			Mean Density (g/100m <sup>2</sup> )	SE	Mean Density (g/100m <sup>2</sup> )	SE	Mean Density (g/100m <sup>2</sup> )	SE	Mean Density (g/100m <sup>2</sup> )	SE	Mean Density (g/100m <sup>2</sup> )	SE	Mean Density (g/100m <sup>2</sup> )	SE	Mean Density (g/100m <sup>2</sup> )	SE	Mean Density (g/100m <sup>2</sup> )	SE
<i>Anisotremus davidsonii</i>	Control	Abalone Cove Kelp West	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Marguerite Central	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Restoration	Underwater Arch Cove	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Honeymoon Cove	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Reference	Point Vicente West	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	Rocky Point North	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
<i>Chromis punctipinnis</i>	Control	Abalone Cove Kelp West	254.2	143.6	—	—	145.1	86.6	254.3	113.2	—	—	262.9	175.0	15.8	11.7	32.5	32.5
		Marguerite Central	20.5	20.5	3.0	3.0	194.9	153.7	—	—	—	—	—	—	—	—	—	—
	Restoration	Underwater Arch Cove	60.3	60.3	39.1	39.1	13.0	13.0	79.7	39.7	8.6	8.6	—	—	491.2	210.5	120.6	120.6
		Honeymoon Cove	—	—	—	—	—	—	—	—	—	—	—	—	98.8	98.8	—	—
Reference	Point Vicente West	—	—	—	—	75.4	75.4	290.4	195.3	9.4	7.4	694.5	636.9	47.3	21.1	—	—	
	Rocky Point North	10.2	10.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
<i>Embiotoca jacksoni</i>	Control	Abalone Cove Kelp West	100.7	62.7	64.7	64.7	218.2	164.7	134.7	86.2	70.7	70.7	67.4	41.9	35.3	23.0	191.6	152.9
		Marguerite Central	24.2	24.2	192.6	113.1	251.4	114.7	151.2	102.0	138.1	130.3	70.7	63.0	48.3	27.9	97.1	52.8
	Restoration	Underwater Arch Cove	453.2	371.9	14.7	14.7	24.2	24.2	83.8	83.8	42.5	21.6	8.6	8.6	—	—	24.2	24.2
		Honeymoon Cove	—	—	64.7	64.7	—	—	2.7	2.7	—	—	—	—	36.3	23.9	6.3	5.1
Reference	Point Vicente West	78.4	43.5	64.7	64.7	677.7	183.7	474.5	160.9	78.9	61.5	126.2	87.9	88.9	88.9	—	—	
	Rocky Point North	313.2	179.0	366.8	153.2	138.3	138.3	83.8	61.1	43.2	25.3	110.1	102.4	—	—	—	—	
<i>Girella nigricans</i>	Control	Abalone Cove Kelp West	41.2	32.0	216.0	216.0	647.9	647.9	278.7	203.8	—	—	—	—	711.8	395.9	—	—
		Marguerite Central	—	—	238.8	238.8	—	—	62.7	62.7	1161.6	966.6	312.6	204.2	9073.8	3122.2	62.7	62.7
	Restoration	Underwater Arch Cove	284.7	251.1	16.9	16.9	—	—	26.1	26.1	—	—	—	—	—	—	52.2	30.1
		Honeymoon Cove	—	—	—	—	—	—	—	—	186.6	186.6	—	—	55.5	39.9	—	—
Reference	Point Vicente West	—	—	—	—	463.7	269.0	771.8	524.9	62.7	62.7	83.9	59.1	278.7	203.8	777.5	530.2	
	Rocky Point North	—	—	125.5	125.5	—	—	434.3	255.7	463.7	269.0	645.2	312.6	35.6	17.7	—	—	
<i>Halichoeres semicinctus</i>	Control	Abalone Cove Kelp West	—	—	70.9	70.9	—	—	—	—	65.9	17.6	149.7	48.0	43.6	11.3	529.0	234.9
		Marguerite Central	—	—	—	—	—	—	—	—	221.3	50.4	262.6	169.0	1539.8	630.6	—	—
	Restoration	Underwater Arch Cove	70.0	40.4	—	—	35.0	35.0	46.4	46.4	65.2	21.0	62.6	25.4	99.0	81.3	1129.7	774.4
		Honeymoon Cove	—	—	—	—	—	—	120.0	79.7	5.1	3.6	115.0	18.0	188.0	61.9	1103.6	320.8
Reference	Point Vicente West	35.0	35.0	—	—	35.0	35.0	—	—	37.2	13.3	131.3	54.6	195.0	101.3	105.0	35.0	
	Rocky Point North	154.2	136.0	—	—	99.9	55.4	35.0	35.0	188.3	43.9	104.5	39.5	0.7	0.7	473.9	179.3	
<i>Hermosilla azurea</i>	Control	Abalone Cove Kelp West	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Marguerite Central	—	—	—	—	—	—	—	—	483.1	464.3	149.6	149.6	1599.7	948.0	—	—
	Restoration	Underwater Arch Cove	—	—	—	—	—	—	—	—	—	—	—	—	—	—	73.1	73.1
		Honeymoon Cove	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Reference	Point Vicente West	—	—	—	—	—	—	—	—	149.6	149.6	149.6	149.6	268.3	268.3	1114.4	671.4	
	Rocky Point North	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
<i>Hypsypops rubicundus</i>	Control	Abalone Cove Kelp West	1184.1	415.3	1124.9	280.3	601.1	258.7	154.4	121.3	200.4	200.4	115.6	96.1	92.4	54.5	573.6	206.6
		Marguerite Central	—	—	1656.9	751.9	1128.5	292.9	2024.8	840.9	1991.7	1319.5	510.5	97.1	5408.3	2940.0	1188.7	953.3
	Restoration	Underwater Arch Cove	241.3	143.3	141.1	141.1	41.0	41.0	716.2	388.5	671.0	412.0	826.9	338.4	954.1	529.3	1926.9	1262.2
		Honeymoon Cove	—	—	—	—	—	—	—	—	—	—	—	—	202.7	117.1	188.2	300.7
Reference	Point Vicente West	1503.1	527.1	801.8	366.0	1502.9	444.3	3107.1	####	2449.2	745.1	1355.4	294.2	1850.7	217.2	1657.2	689.9	
	Rocky Point North	400.7	163.6	427.0	272.0	891.9	492.1	—	—	38.2	16.5	400.7	—	8.2	5.5	—	—	
<i>Medialuna californiensis</i>	Control	Abalone Cove Kelp West	—	—	—	—	16.3	16.3	37.7	23.9	—	—	—	—	252.3	183.0	—	—
		Marguerite Central	—	—	24.9	24.9	—	—	—	—	404.5	246.8	—	—	193.9	193.9	—	—
	Restoration	Underwater Arch Cove	—	—	—	—	—	—	—	—	236.2	186.7	—	—	—	—	—	—
		Honeymoon Cove	—	—	—	—	—	—	—	—	—	—	—	—	24.9	24.9	—	—
Reference	Point Vicente West	113.0	113.0	—	—	—	—	—	—	98.2	18.6	41.2	41.2	141.5	84.2	171.3	171.3	
	Rocky Point North	—	—	—	—	—	—	—	—	—	—	61.4	61.4	—	—	—	—	
<i>Oxyjulis californica</i>	Control	Abalone Cove Kelp West	246.1	82.2	35.0	35.0	—	—	—	—	70.0	70.0	42.3	42.3	5.3	5.3	—	—
		Marguerite Central	—	—	28.2	28.2	63.1	36.8	147.9	75.8	287.9	269.5	—	—	114.3	54.4	—	—
	Restoration	Underwater Arch Cove	—	—	14.1	14.1	10.9	10.9	237.3	195.2	—	—	—	—	—	—	—	—
		Honeymoon Cove	—	—	—	—	28.1	28.1	28.2	28.2	57.0	19.6	2.8	2.8	11.3	11.3	536.3	328.9
Reference	Point Vicente West	862.5	503.5	81.3	42.9	191.6	70.1	700.3	299.7	9.2	2.8	—	—	—	—	98.4	71.9	
	Rocky Point North	3.9	3.9	21.1	13.5	—	—	11.4	5.3	—	—	—	—	—	—	1.3	1.3	
<i>Paralabrax clathratus</i>	Control	Abalone Cove Kelp West	230.0	230.0	—	—	24.6	16.7	21.4	16.8	102.3	41.2	237.7	80.0	389.7	289.7	185.4	70.3
		Marguerite Central	—	—	310.6	310.6	373.1	319.2	459.7	182.0	515.5	285.3	185.4	70.3	1207.7	472.9	2039.2	303.9
	Restoration	Underwater Arch Cove	—	—	17.7	17.7	42.3	42.3	652.8	465.5	382.9	318.5	259.7	141.9	197.4	80.5	1675.2	654.4
		Honeymoon Cove	—	—	—	—	22.8	16.7	232.6	137.8	62.8	59.1	17.7	17.7	109.7	24.0	630.7	603.9
Reference	Point Vicente West	—	—	—	—	227.5	140.5	—	—	324.2	93.4	388.7	219.6	1847.4	1162.8	4282.0	1664.5	
	Rocky Point North	160.8	114.9	555.8	355.6	634.4	316.7	103.3	47.5	209.5	57.8	183.2	135.1	11.7	11.3	353.4	276.8	
<i>Paralabrax nebulifer</i>	Control	Abalone Cove Kelp West	—	—	89.5	89.5	—	—	28.7	16.8	108.6	85.1	1212.4	914.7	257.0	168.2	45.7	45.7
		Marguerite Central	89.5	89.5	—	—	45.7	45.7	83.8	48.8	—	—	135.2	135.2	901.9	533.2	400.5	242.8
	Restoration	Underwater Arch Cove	—	—	—	—	—	—	224.7	169.4	—	—	89.5	89.5	45.7	45.7	380.8	237.7
		Honeymoon Cove	—	—	—	—	—	—	38.1	22.0	—	—	—	—	—	—	—	—
Reference	Point Vicente West	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	Rocky Point North	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
<i>Semicossyphus pulcher</i>	Control	Abalone Cove Kelp West	—	—	173.3	173.3	56.6	56.6	—	—	122.1	100.2	116.5	112.2	3.0	2.1	347.9	347.9
		Marguerite Central	56.6	56.6	56.6	56.6	—	—	28.5	17.2	—	—	139.0	82.9	412.7	237.9	113.2	65.4
	Restoration	Underwater Arch Cove	25.7	25.7	235.1	108.1	—	—	104.7	104.7	—	—	82.3	53.8	434.0	288.0	370.6	370.6
		Honeymoon Cove	—	—	—	—	—	—	—	—	56.6	56.6	104.7	104.7	39.0	33.0	—	—
Reference	Point Vicente West	25.7	25.7	—	—	—	—	880.1	530.6	209.4	120.9	343.5	244.1	128.0	88.4	56.6	56.6	
	Rocky Point North	130.4	130.4	312.2	144.4	866.5	95.8	173.3	173.3	56.6	56.6	229.9	229.9	59.9	59.9	—	—	