

1 METER QUADRAT Channel Islands National Park Kelp Forest Monitoring Program

Location: _____ Date: _____ Total Time: _____ Count: A or B

Observer: _____ Partner: _____ Side: ONSHORE or OFFSHORE

Quadrat # (Dimension: 1m ²)	1	2	3	4	5	6	7	8	9	10	11	12
Random Meter number	4	12	21	29	37	46	54	62	71	79	87	96
<i>Alloclinus holderi</i> 14027 Island kelpfish												
<i>Coryphopterus nicholsii</i> 14026 Blackeye goby												
<i>Lythrypnus dalli</i> 14025 Bluebanded goby												
<i>Styela montereyensis</i> 12002 Stalked tunicate												
<i>Centrostephanus coronatus</i> 11009 Coronado urchin												
<i>Parastichopus parvimensis</i> 11007 Warty sea cucumber												
<i>S. purpuratus</i> 11006 Purple sea urchin												
<i>S. franciscanus</i> 11005 Red sea urchin												
<i>Pisaster giganteus</i> 11002 Giant-spined sea star												
<i>Patiria miniata</i> 11001 Bat star												
<i>Tegula regina</i> 9014 Queen tegula												
<i>Lithopoma gibberosa</i> 9008 Red turban snail												
<i>Megastrea undosa</i> 9007 Wavy turban snail												
<i>Cypraea spadicea</i> 9005 Chestnut cowrie												
<i>Sargassum horneri</i> juv/adult 2016.5/ (adult >0.5m tall or reproductive) 2016												
<i>Laminaria farlowii</i> juv. 2006.5 Oar weed (< 10 cm wide)												
<i>Laminaria farlowii</i> adult 2006 Oar weed (> 10 cm wide)												
<i>Pterygophora</i> juv. 2005.5 CA sea palm (single blade)												
<i>Pterygophora</i> adult 2005 CA sea palm (multiple blades)												
<i>Eisenia arborea</i> juv. 2004.5 Southern sea palm (single blade)												
<i>Eisenia arborea</i> adult 2004 Southern sea palm (multiple blades)												
<i>Macrocystis pyrifera</i> juv. 2002.5 Giant kelp (< 1 m tall)												
<i>Macrocystis pyrifera</i> adult 2002 Giant kelp (> 1 m tall)												

To measure *Laminaria* blade:

0 cm

5 cm

10 cm

Check boxes if you looked for these species: ☐ *Agarum/Dictyoneuropsis* juvenile ☐ *Agarum/Dictyoneuropsis* adult

Version 2.1 (2018)

(<10 cm wide)

(>10 cm wide)