

CHANNEL ISLANDS NATIONAL PARK KELP FOREST MONITORING SITE SUMMARY LOG

STATION:NUMBER:YEAR:

Sampling Dates				
Wasting Disease   Urchins: Stars:				
Black Spot Disease				
Lead Line Condition:				
Percent Canopy Cover of <i>Macrocystis pyrifera</i>				
Site Status				
# Fishing Lures Found	# Fishing Weights Found	Notes:		
New:	Old:	New:	Old:	

TEMPERATURE LOGGER:

Date Deployed	Date Retrieved	Notes:
		See Temp. logger and site history forms

Participants	Date Completed	Notes
1 m Quadrats		
5 m Quadrats		
RPCs		
Band Transects		
Visual Fish Transects		
Roving Diver Fish Count		
Fish Size Frequency		
Site (Video) Documentation		
Species List		
ARMS		
Non-KFM		

SIZE FREQUENCY MEASURMENTS:

<i>Macrocystis pyrifera</i> (100)	_____	<i>Tegula regina</i> (60)	_____
<i>Tethya aurantia</i> (60)	_____	<i>Kelletia kelletii</i> (60)	_____
<i>Stylaster californica</i> (50)	_____	<i>Crassadoma gigantea</i> (60)	_____
<i>Lophogorgia chilensis</i> (60)	_____	<i>Megastrea undosa</i> (60)	_____
<i>Muricea fruticosa</i> (60)	_____	<i>Lithopoma gibberosa</i> (60)	_____
<i>Muricea californica</i> (60)	_____	<i>Lytechinus anamesus</i> (200)	_____
<i>Megathura crenulata</i> (60)	_____	<i>Pycnopodia helianthoides</i> (60)	_____
<i>Haliotis rufescens</i> (60)	_____	<i>S. franciscanus</i> (200)	_____
<i>Haliotis corrugata</i> (60)	_____	<i>S. purpuratus</i> (200)	_____
<i>Haliotis fulgens</i> (60)	_____	<i>Patiria miniata</i> (60)	_____
		<i>Pisaster giganteus</i> (60)	_____

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Version 2.0

## ABUNDANCE RATINGS

X = present (no rating given)

0 = noticeably absent, an effort was made to look for an organism that was not found.

1 = rare, few organisms found

2 = present, organism found in moderate numbers

3 = common, organism found over most of the site or in high density patches

4 = abundant, organism present in higher than normal densities

## NOTES

j = juvenile

s = shell only

#/j# = (e.g. 2/j3 - adult abundance 2, juvenile abundance 3)

## ALGAE

### Chlorophyta

*Codium* spp. \_\_\_\_\_

*Derbesia* sp. \_\_\_\_\_

*Ulva* spp. \_\_\_\_\_

Other green algae \_\_\_\_\_

### Phaeophyta

*Agarum fimbriatum* \_\_\_\_\_

*Colpomenia* sp. \_\_\_\_\_

*Cystoseira* sp. \_\_\_\_\_

*Desmarestia* sp. \_\_\_\_\_

*Dictyoneuropsis* \_\_\_\_\_

*Dictyota/Pachydictyon* \_\_\_\_\_

*Eisenia arborea* \_\_\_\_\_

*Laminaria farlowii* \_\_\_\_\_

*Macrocystis pyrifera* \_\_\_\_\_

*Pterygophora californica* \_\_\_\_\_

*Sargassum muticum* \_\_\_\_\_

*Sargassum horneri* \_\_\_\_\_

Other brown algae \_\_\_\_\_

### Rhodophyta

*Callophyllis* sp. \_\_\_\_\_

*Cryptopleura* spp. \_\_\_\_\_

*Gelidium* spp. \_\_\_\_\_

*Gigartina* spp. \_\_\_\_\_

*Laurencia* sp. \_\_\_\_\_

*Plocamium* sp. \_\_\_\_\_

*Rhodymenia* spp. \_\_\_\_\_

Articulated coralline \_\_\_\_\_

Encrusting coralline \_\_\_\_\_

Other red algae \_\_\_\_\_

Misc. plant \_\_\_\_\_

Bare rock \_\_\_\_\_

## NOTES:

Version 2.0

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## MISC INVERT/CNID/SPONGE/TUN

### PORIFERA

*Haliclona* sp. \_\_\_\_\_

*Hymenamphiasira cyanocrypta* \_\_\_\_\_

*Polymastia* spp. \_\_\_\_\_

*Tethya aurantia* \_\_\_\_\_

Other Sponges \_\_\_\_\_

### ANTHOZOA

*Anthopleura* spp. \_\_\_\_\_

*Astrangia lajollaensis* \_\_\_\_\_

*Balanophyllia elegans* \_\_\_\_\_

*Corynactis californica* \_\_\_\_\_

*Eugorgia rubens* \_\_\_\_\_

*Lophogorgia chilensis* \_\_\_\_\_

*Metridium* spp. \_\_\_\_\_

*Muricea californica* \_\_\_\_\_

*Muricea fruticosa* \_\_\_\_\_

*Sagartia/Cactosoma* spp. \_\_\_\_\_

*Urticina lofotensis* \_\_\_\_\_

*Urticina* spp. \_\_\_\_\_

### Hydrozoa

Hydroid spp. \_\_\_\_\_

*Stylaster californicus* \_\_\_\_\_

### Annelida/Polychaeta

*Chaetopterus* sp. \_\_\_\_\_

*Diopatra ornata* \_\_\_\_\_

*Dodecaceria fewkesi* \_\_\_\_\_

*Phragmatopoma californica* \_\_\_\_\_

*Salmacina tribranchiata* \_\_\_\_\_

*Spirobranchus spinosus* \_\_\_\_\_

### Arthropoda/Crustacea

*Balanus* sp. \_\_\_\_\_

*Cancer* sp. \_\_\_\_\_

*Panulirus interruptus* \_\_\_\_\_

### Bryozoa

*Bugula* spp. \_\_\_\_\_

*Costazia costazii* \_\_\_\_\_

*Watersipora* spp. \_\_\_\_\_

*Diaperoecia californica* \_\_\_\_\_

*Membranipora* spp. \_\_\_\_\_

Other Bryozoans \_\_\_\_\_

### Tunicates

*Styela montereyensis* \_\_\_\_\_

Misc. invertebrates \_\_\_\_\_

NOTES: Most common misc. invert: \_\_\_\_\_

## MOLLUSCS

*Aplysia californica* \_\_\_\_\_

*Bursa californica* \_\_\_\_\_

*Crassadoma gigantea* \_\_\_\_\_

*Cryptochiton stelleri* \_\_\_\_\_

*Cypraea spadicea* \_\_\_\_\_

*Haliotis assimilis* \_\_\_\_\_

*Haliotis corrugata* \_\_\_\_\_

*Haliotis fulgens* \_\_\_\_\_

*Haliotis rufescens* \_\_\_\_\_

*Haliotis sorenseni* \_\_\_\_\_

*Kelletia kelletii* \_\_\_\_\_

*Lithopoma gibberosa* \_\_\_\_\_

*Megastrea undosa* \_\_\_\_\_

*Megathura crenulata* \_\_\_\_\_

*Octopus* spp. \_\_\_\_\_

*Serpulorbis squamigerus* \_\_\_\_\_

*Tegula regina* \_\_\_\_\_

NOTES:

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## ECHINODERMS

*Centrostephanus coronatus* \_\_\_\_\_  
*Cucumaria* sp. \_\_\_\_\_  
*Dermasterias imbricata* \_\_\_\_\_  
*Linckia* sp. \_\_\_\_\_  
*Lytechinus anamesus* \_\_\_\_\_  
*Ophiothrix spiculata* \_\_\_\_\_  
*Pachythyone rubra* \_\_\_\_\_  
*Parastichopus californicus* \_\_\_\_\_  
*Parastichopus parvimensis* \_\_\_\_\_  
*Patiria miniata* \_\_\_\_\_  
*Pisaster giganteus* \_\_\_\_\_  
*Pisaster ochraceus* \_\_\_\_\_  
*Pycnopodia helianthoides* \_\_\_\_\_  
*S. purpuratus* \_\_\_\_\_  
*S. franciscanus* \_\_\_\_\_

## NOTES:

## FISH:

*Lythrypnus dalli* \_\_\_\_\_  
*Coryphopterus nicholsii* \_\_\_\_\_  
*Alloclinus holderi* \_\_\_\_\_

## NOTES:

FISH OBSERVED OTHER THAN ON RDFC OR FISH TRANSECTS:

## COMMENTS ON ARMS:

## COMMENTS ON GEAR / PROCEDURE / TRANSECT/ MISC. OBSEVATIONS: