

Site Description Report

Site Information		Temperature in Celsius	
Site Name	<input type="text"/>	Air	<input type="text"/>
City / Island	<input type="text"/>	Surface	<input type="text"/>
County	<input type="text"/>	5 Meters	<input type="text"/>
State	California	10 Meters	<input type="text"/>
Latitude (deg min.min)	<input type="text"/> North	Distance in Meters	
Longitude (deg min.min)	<input type="text"/> West	Distance from shore	<input type="text"/>
Dates format (mm/dd/yyyy)		Average Depth of Site	<input type="text"/>
Start Date	<input type="text"/>	Permanent, Random	
End Date	<input type="text"/>	Transect Type	<input type="text"/>
Sunny, Cloudy, Raining		Always Sheltered, Sometimes Sheltered, Exposed	
Weather	<input type="text"/>	Site Exposure	<input type="text"/>
		Recent Storms	Yes / No

Transects completed (Yes/No):			
Fish	<input type="text"/>	Errors	Yes / No
Invertebrates	<input type="text"/>	Describe Errors	<input type="text"/>
UPC	<input type="text"/>		
Algae	<input type="text"/>		
Urchin Size	<input type="text"/>		

TEAM INFORMATION	
Submitted by:	Team Member <input type="text"/>
Checked by:	Team Member <input type="text"/>
Team Member	Team Member <input type="text"/>
Team Member	Team Member <input type="text"/>
Team Member	Team Member <input type="text"/>
Team Member	Team Member <input type="text"/>
Team Member	Team Member <input type="text"/>

Notes:

Fish Data Sheet - Southern

Date: _____ Diver: _____

SITE: _____ Visibility (m): _____ Buddy: _____

Field QA (name) : _____

5 - 10 Minutes		Transect#: _____		Depth: Beg: _____ ft		End: _____ ft		SPP CODE		T#	T#		
size in cm: (size) #		Heading: _____		Time: Beg: _____		End: _____				totals	totals		
Code: _____								Southern Species	kelp bass = KB				
									barred sand bass = BSB				
									garibaldi = GAR (J/A)				
									blacksmith = BS				
									opaleye = OPE				
									sargo = SAR				
									Perch	striped perch = STP			
										black perch = BLP			
										rainbow perch = RAP			
										pile perch = PIP			
										rubberlip perch = RUB			
									Wrasse	sheephead = SH (M/F/J)			
										senorita = SEN			
										rock wrasse = RW (M/F/J)			
									Rockfish	blue rockfish = BLU			
Gear / Trash: Hook/Line: _____ Traps: (Active) _____ (Lost) _____ Nets: _____ Trash: _____								kelp rockfish = KR					
Comments/Other: _____								black rockfish = BLK					
								gopher rockfish = GOR					
								black and yellow = BYR					
								olive/yellowtail = OYR					
								copper rockfish = COR					
								vermillion/canary = VCR					
								grass rockfish = GRR					
								reef fish = TRE (J/A)					
								brown rockfish = BRR					
								China rockfish = CHR					
								YOY rockfish = YOY					
								kelp greenling = KG (M/F/J)					
								rock greenling = RG					
								Big Fish	lingcod = LIN				
									cabezon = CAB				
									bocaccio = BOC				
									horn shark = HS				
									*Giant Sea Bass = GSB				
								*note if seen on or off transect					
Gear / Trash: Hook/Line: _____ Traps: (Active) _____ (Lost) _____ Nets: _____ Trash: _____													
Comments/Other: _____													

Fish Data Sheet - North/Central

Date: _____ Diver: _____

Field QA (name) : _____

SITE: _____ Visibility (m): _____ Buddy: _____

5 - 10 Minutes size in cm: (size) #		Transect#: _____	Depth: Beg: _____ ft	End: _____ ft	SPP CODE		T# _____	T# _____	
		Heading: _____	Time: Beg: _____	End: _____			totals	totals	
Code:									
						blue rockfish = BLU			
						kelp rockfish = KR			
						black rockfish = BLK			
						gopher rockfish = GOR			
						black and yellow = BYR			
						olive/yellowtail = OYR			
						copper rockfish = COR			
						vermillion/canary = VCR			
						grass rockfish = GRR			
						treefish = TRE (J/A)			
						brown rockfish = BRR			
						China rockfish = CHR			
						YOY rockfish = YOY			
						striped perch = STP			
						black perch = BLP			
						rainbow perch = RAP			
						pile perch = PIP			
						rubberlip perch = RUB			
Gear / Trash: Hook/Line: _____		Traps: (Active) _____	(Lost) _____	Nets: _____	Trash: _____				
Comments/Other:									
5 - 10 Minutes size in cm: (size) #		Transect#: _____	Depth: Beg: _____ ft	End: _____ ft	kelp greenling = KG (M/F/J)				
		Heading: _____	Time: Beg: _____	End: _____	rock greenling = RG				
Code:						sheephead = SH (M/F/J)			
						senorita = SEN			
						rock wrasse = RW (M/F/J)			
						kelp bass = KB			
						barred sand bass = BSB			
						garibaldi = GAR (J/A)			
						blacksmith = BS			
						opaleye = OPE			
						sargo = SAR			
						lingcod = LIN			
						cabezon = CAB			
						bocaccio = BOC			
						horn shark = HS			
						*Giant Sea Bass = GSB			
						*note if seen on or off transect			
Gear / Trash: Hook/Line: _____		Traps: (Active) _____	(Lost) _____	Nets: _____	Trash: _____				
Comments/Other:									

Invertebrate Data Sheet - Southern

SITE _____ Date _____ Diver: _____

Visibility (m) _____ Buddy: _____

Count all orgs. > 2.5 cm 10 Minute goal (30 x 2 m)		Transect#: _____ Time: Beg: _____ End: _____	Dist	Transect#: _____ Time: Beg: _____ End: _____	Dist
Abalones	red abalone (size cm)				
	flat abalone (size cm)				
	pinto abalone (size cm)				
	green abalone (size cm)				
	pink abalone (size cm)				
	Unknown abalone				
	CA spiny lobster				
Cucumbers	CA sea cucumber				
	warty sea cucumber				
Sea Stars	bat star				
	short spined sea star				
	giant spined star				
	sun/sunflower star				
Slugs/snails	chestnut cowry				
	Kellet's whelk				
	wavy / red turban snail				
	giant keyhole limpet				
Crabs	rock crab				
	sheep/masking crab				
	gumboot chiton				
	rock scallop				
	large anemone (>10cm)				
Gorgonians	brown/golden gorgonian (>10cm)				
	red gorgonian (>10 cm)				
Urchins	red urchin				
	purple urchin				
	crowned urchin				
	Other/comments				
	Black ab (Y/N)	White ab (Y/N) _____			

Subsample abundant organisms: at ~50, stop counting and record distance surveyed along transect (meters)

Invertebrate Data Sheet - Northern/ Central

SITE _____ Date _____ Diver: _____

Visibility (m) _____ Buddy: _____

Count all orgs. > 2.5 cm 10 Minute goal (30 x 2 m)		Transect#: _____ Time: Beg: _____ End: _____					Dist	Transect#: _____ Time: Beg: _____ End: _____					Dist
Abalones	red abalone (size cm)												
	flat abalone (size cm)												
	pinto abalone (size cm)												
	green abalone (size cm)												
	pink abalone (size cm)												
	Unknown abalone												
	CA spiny lobster												
Cucumbers	CA sea cucumber												
	warty sea cucumber												
Sea Stars	bat star												
	short spined sea star												
	giant spined star												
	sun/sunflower star												
Slugs/snails	chestnut cowry												
	Kellet's whelk												
	wavy / red turban snail												
	giant keyhole limpet												
Crabs	rock crab												
	sheep/masking crab												
	gumboot chiton												
	rock scallop												
	large anemone (>10cm)												
Gorgonians	brown/golden gorgonian (>10cm)												
	red gorgonian (>10 cm)												
Urchins	red urchin												
	purple urchin												
	crowned urchin												
	Other/comments												
	Black ab (Y/N)												
	White ab (Y/N)												

Subsample abundant organisms: at ~50, stop counting and record distance surveyed along transect (meters)

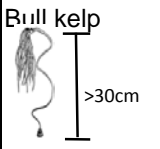
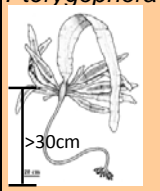
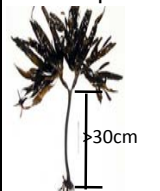
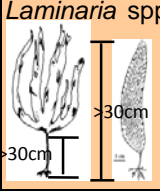
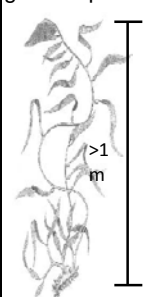
Invertebrate/Seaweed Data Sheet - Southern

SITE _____ Date _____

Diver: _____

Visibility (m) _____

Buddy: _____

		Count all orgs. > 2.5 cm 10 Minute goal (30 x 2 m)	Transect#: _____ Time: Beg: _____ End: _____	Dist	30 x 2 m Transect 10 Minute goal	Transect#: _____ Time: Beg: _____ End: _____	Dist	
Abalones	red abalone (size cm)				 Bull kelp >30cm			
	flat abalone (size cm)							
	pinto abalone (size cm)							
	green abalone (size cm)							
	pink abalone (size cm)							
	Unknown abalone							
	CA spiny lobster				 Pterygophora >30cm			
Cucumbers	CA sea cucumber							
	warty sea cucumber							
Sea Stars	bat star					 So. sea palm >30cm		
	short spined sea star							
	giant spined star							
	sun/sunflower star							
Slugs/snails	chestnut cowry				 Laminaria spp >30cm			
	Kellet's whelk							
	wavy / red turban snail							
	giant keyhole limpet							
Crabs	rock crab				 giant kelp >1m			
	sheep/masking crab							
	gumboot chiton							
	rock scallop							
Gorgonians	large anemone (>10cm)							
	brown/golden gorgonian (>10cm)							
	red gorgonian (>10 cm)							
Urchins	red urchin							
	purple urchin							
	crowned urchin							
	Black ab (Y/N)		White ab (Y/N) _____					
Other/comments								

*Do not count seaweed used to attach transect

Sargassum muticum Yes ___ No ___

Sargassum filicinum Yes ___ No ___

Undaria Yes ___ No ___

Caulerpa Yes ___ No ___

Subsample abundant organisms: at ~50, stop counting and record distance surveyed along transect (meters)

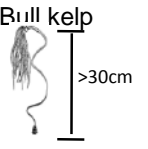

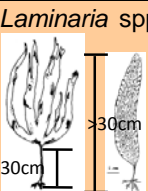
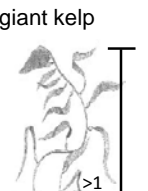
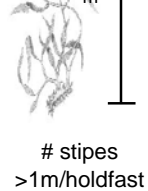
Invertebrate/Seaweed Data Sheet - Northern/Central

SITE _____ Date _____

Diver: _____

Visibility (m) _____

Buddy: _____

Count all orgs. > 2.5 cm 10 Minute goal (30 x 2 m)		Transect#: _____ Time: Beg: _____ End: _____					Dist	30 x 2 m Transect 10 Minute goal		Transect#: _____ Time: Beg: _____ End: _____					Dist
Abalones	red abalone (size cm)														
	flat abalone (size cm)														
	pinto abalone (size cm)														
	green abalone (size cm)														
	pink abalone (size cm)														
	Unknown abalone														
CA spiny lobster															
Cucumbers	CA sea cucumber														
	warty sea cucumber														
Sea Stars	bat star														
	short spined sea star														
	giant spined star														
	sun/sunflower star														
Slugs/snails	chestnut cowry														
	Kellet's whelk														
	wavy / red turban snail														
	giant keyhole limpet														
Crabs	rock crab														
	sheep/masking crab														
	gumboot chiton														
	rock scallop														
	large anemone (>10cm)														
Gorgonians	brown/golden gorgonian (>10cm)														
	red gorgonian (>10 cm)														
Urchins	red urchin						# stipes >1m/holdfast *Do not count seaweed used to attach transect Sargassum muticum Yes____ No____ Sargassum filicinum Yes____ No____ Undaria Yes____ No____ Caulerpa Yes____ No____								
	purple urchin														
	crowned urchin														
	Black ab (Y/N)					White ab (Y/N) _____									
	Other/comments														

Subsample abundant organisms: at ~50, stop counting and record distance surveyed along transect (meters)

UPC Data Sheet

SITE _____

Date _____

Diver: _____

Visibility (m) _____

Buddy: _____

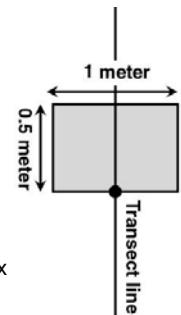
Transect #: _____								Summary			
Time: Beg: _____				End: _____							
Sub	Cov	Rel		Sub	Cov	Rel		Sub	Cnt	Cov	Cnt
1			16					S		N	
2			17					C		B	
3			18					B		OB	
4			19					R		G	
5			20					O		R	
6			21					Tot:		AC	
7			22							CC	
8			23					Rel	Cnt	SI	
9			24					0		MI	
10			25					1		SG	
11			26					2		Tot:	
12			27					3			
13			28					Tot:			
14			29					Total must = 30			
15			30					N = None			

Transect #: _____								Summary			
Time: Beg: _____				End: _____							
Sub	Cov	Rel		Sub	Cov	Rel		Sub	Cnt	Cov	Cnt
1			16					S		N	
2			17					C		B	
3			18					B		OB	
4			19					R		G	
5			20					O		R	
6			21					Tot:		AC	
7			22							CC	
8			23					Rel	Cnt	SI	
9			24					0		MI	
10			25					1		SG	
11			26					2		Tot:	
12			27					3			
13			28					Tot:			
14			29					Total must = 30			
15			30					N = None			

Substrate
 S = sand (<0.5 cm)
 C = cobble (0.5 cm -- 15 cm)
 B = Boulder (> 15 cm -- 1 m)
 R = Reef (>1 m)
 O = Other (anthropogenic, etc.)

Cover
 N = None
 B = Brown Seaweed (large kelps on band transect)
 OB = Other Brown Seaweed (incl invasives)
 G = Green Seaweed
 R = Red seaweed (not coralline)
 AC = Articulated Coralline
 CC = Crustose Coralline
 SI = Sessile Invertebrate (sponges, anemones, sandcastle worm etc)
 MI = Mobile Invertebrates (sea stars, snails, urchins, cucumbers etc)
 SG = Seagrasses (incl surfgrass and eelgrass)

Relief
 0 = 0 --10 cm
 1 = >10 cm -- 1 m
 2 = >1m -- 2m
 3 = >2m
 Max height difference in box
 0.5m x 1m in front of point



Seaweed Data Sheet

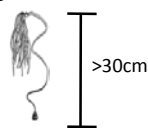
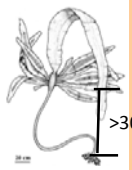
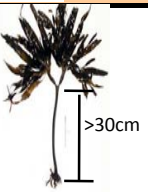
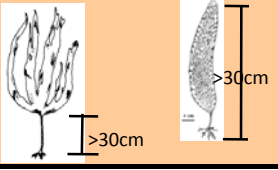

SITE _____ Date _____
 Visibility (m) _____

Diver: _____
 Buddy: _____

*Do not count seaweed used to attach transect

Invasives seen anywhere at site?

Sargassum muticum Yes ___ No ___ *Undaria* Yes ___ No ___
Sargassum filicinum Yes ___ No ___ *Caulerpa* Yes ___ No ___

30 x 2 m Transect 10 Minute goal time	Transect#: _____ Time: Beg: _____ End: _____	Dist	Transect#: _____ Time: Beg: _____ End: _____	Dist
Bull Kelp 				
Pterygophora 				
Southern Sea Palm 				
Laminaria 				
giant kelp (>1 m) 				

Subsample abundant organisms: at ~50, stop counting and record distance surveyed along transect (meters)

Comments: _____

Urchin Size Frequency Data Sheet

SITE _____ Date _____ Diver: _____

Depth: _____ Visibility (m) _____ Buddy: _____

~100 of each species

Time: Beg: _____ End: _____

Purple urchin test diameter (cm)	Total
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	

Red urchin test diameter (cm)	Total
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
>16	

Comments: _____

Invertebrate/Seaweed training Data Sheet

SITE _____ Date _____

Diver: _____

Visibility (m) _____

Buddy: _____

Count all orgs. > 2.5 cm 10 Minute goal (30 x 2 m)		Transect#: _____ Time: Beg: _____ End: _____	Dist	30 x 2 m Transect 10 Minute goal	Transect#: _____ Time: Beg: _____ End: _____	Dist	
Abalones	red abalone (size cm)			Bull kelp > 30cm			
	flat abalone (size cm)						
	pinto abalone (size cm)						
	green abalone (size cm)				Pterygophora > 30 cm		
	pink abalone (size cm)						
	Unknown abalone						
	CA spiny lobster						
Cucumbers	CA sea cucumber			So. sea palm > 30cm			
	warty sea cucumber						
Sea Stars	bat star						
	short spined sea star						
	giant spined star						
	sun/sunflower star			Laminaria spp. > 30 cm			
Slugs/snails	chestnut cowry						
	Kellet's whelk						
	wavy / red turban snail						
	giant keyhole limpet						
Crabs	rock crab			giant kelp # stipes >1m/holdfast			
	sheep/masking crab						
	gumboot chiton						
	rock scallop						
	large anemone (>10cm)						
Gorgonians	brown/golden gorgonian (>10cm)						
	red gorgonian (>10 cm)						
Urchins	red urchin						
	purple urchin						
	crowned urchin						
	Black ab (Y/N)	White ab (Y/N) _____					
Other/comments							

*Do not count seaweed used to attach transect

Sargassum muticum Yes ___ No ___

Sargassum filicinum Yes ___ No ___

Undaria Yes ___ No ___

Caulerpa Yes ___ No ___

Subsample abundant organisms: at ~50, stop counting and record distance surveyed along transect (meters)