

Invertebrate Data Sheet

 SITE Point Arena

 Date Jun 23, 2021

 Diver: Allison

 Visibility (m) ~10

 Buddy: Ryleigh

Count all orgs. > 2.5 cm 10 Minute goal (30 x 2 m)		Transect#: <u>1</u> Time: Beg: <u>8:43</u> End: <u>9:42</u>		Dist	Transect#: <u>2</u> Time: Beg: <u>9:45</u> End: <u>9:55</u>		Dist
Abalones	red abalone (size cm)	<u>10cm x 2, 12, 14.5, 16, 6.5</u>			<u>11 x 2, 14 x 2, 6, 7.5, 21</u>		
	flat abalone (size cm)	<u>4.5</u>			<u>2.5, 11, 4.5</u>		
	pinto abalone (size cm)						
	green abalone (size cm)						
	pink abalone (size cm)	<u>5, 8, 12.5,</u>			<u>14</u>		
	Unknown abalone						
	CA spiny lobster	<u>11</u>					
Cucumbers	CA sea cucumber	<u>11</u>			<u>11</u>		
	warty sea cucumber	<u>11</u>			<u>1</u>		
Sea Stars	bat star	<u>11</u>			<u>11</u>		
	short spined sea star	<u>11</u>			<u>11</u>		
	giant spined star	<u>1</u>					
	sun/sunflower star	<u>1</u>					
Slugs/snails	chestnut cowry						
	Kellett's whelk				<u>1</u>		
	wavy / red turban snail	<u>1</u>					
	giant keyhole limpet	<u>11</u>			<u>11</u>		
Crabs	rock crab	<u>11</u>					
	sheep/masking crab						
	gumboot chiton	<u>1</u>			<u>1</u>		
	rock scallop						
	large anemone (>10cm)	<u>11</u>					
Gorgonians	brown/golden gorgonian (>10cm)						
	red gorgonian (>10 cm)						
Urchins	red urchin	<u>11</u>			<u>11</u>		
		<u>1</u>			<u>11</u>		
	purple urchin						
		<u>11</u>			<u>11</u>		
	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)

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 Visibility (m) ~10m

 Buddy: Ryleigh

Count all orgs. > 2.5 cm 10 Minute goal (30 x 2 m)		Transect#: <u>3</u>		Dist	Transect#: <u>4</u>		Dist
		Time: Beg: <u>10:00</u> End: <u>10:11</u>			Time: Beg: <u>10:15</u> End: <u>10:25</u>		
Abalones	red abalone (size cm)	<u>3.5, 5, 8.5, 3,</u> <u>10 x 3, 16 x 3, 17,</u>			<u>14.5 x 2, 11 x 3, 9.5, 4.5</u>		
	flat abalone (size cm)						
	pinto abalone (size cm)						
	green abalone (size cm)	<u>10.5, 4.5,</u>					
	pink abalone (size cm)	<u>9.5</u>					
	Unknown abalone				<u>2.5</u>		
Cucumbers	CA spiny lobster	<u>1</u>					
	CA sea cucumber	<u>11</u>			<u>1</u>		
	warty sea cucumber	<u>111</u>					
Sea Stars	bat star	<u>1111</u>			<u>1</u>		
	short spined sea star	<u>111</u>					
	giant spined star						
	sun/sunflower star						
Slugs/snails	chestnut cowry	<u>1</u>					
	Kellett's whelk						
	wavy / red turban snail	<u>1111</u>					
	giant keyhole limpet						
Crabs	rock crab						
	sheep/masking crab	<u>1</u>					
	gumboot chiton	<u>111</u>					
	rock scallop						
	large anemone (>10cm)						
Gorgonians	brown/golden gorgonian (>10cm)						
		<u>111</u>					
	red gorgonian (>10 cm)						
Urchins	red urchin	<u>1111</u>			<u>11 11 11 11 11 1</u>		
	purple urchin	<u>11</u>					
		<u>11 111</u>			<u>11 11 11 11 11 11 11</u>		
	crowned urchin						
Other/comments							
Black ab (Y/N)		White ab (Y/N)					

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 Buddy: Ryleigh

Count all orgs. > 2.5 cm 10 Minute goal (30 x 2 m)		Transect#: <u>5</u>		Dist	Transect#: <u>6</u>		Dist
		Time: Beg: <u>10:30</u>	End: <u>10:40</u>		Time: Beg: <u>12:10</u>	End: <u>12:20</u>	
Abalones	red abalone (size cm)	<u>13.5, 15.5, 16, 3.2, 5.5, 8.2,</u> <u>9.2</u>			<u>4.5, 6.5, 7.2,</u> <u>8 x 3 10.5 x 2 18 x 2, 21</u>		
	flat abalone (size cm)						
	pinto abalone (size cm)				<u>10, 11, 7,</u>		
	green abalone (size cm)						
	pink abalone (size cm)				<u>6.5, 8 x 2</u>		
	Unknown abalone						
Cucumbers	CA spiny lobster				<u>11</u>		
	CA sea cucumber	<u> </u>			<u> </u>		
	warty sea cucumber	<u> </u>			<u>11</u>		
Sea Stars	bat star	<u> </u>			<u> </u>		
	short spined sea star	<u> </u>			<u> </u>		
	giant spined star	<u>1</u>			<u>11</u>		
	sun/sunflower star						
Slugs/snails	chestnut cowry				<u>1</u>		
	Kellet's whelk				<u>11</u>		
	wavy / red turban snail	<u> </u>			<u> </u>		
	giant keyhole limpet	<u> </u>			<u> </u>		
Crabs	rock crab				<u>11</u>		
	sheep/masking crab						
	gumboot chiton	<u> </u>			<u> </u>		
	rock scallop						
Gorgonians	large anemone (>10cm)						
	brown/golden gorgonian (>10cm)	<u> </u>			<u> </u>		
	red gorgonian (>10 cm)	<u> </u>			<u> </u>		
Urchins	red urchin	<u> </u>			<u> </u>		
	purple urchin	<u> </u>			<u>11</u>		
		<u> </u>					
	crowned urchin				<u> </u>		
	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

 SITE Point Arena 2

 Date Jun 23, 2021

 Diver: Allison

 Visibility (m) ~ 8m

 Buddy: Ryleigh

Count all orgs. > 2.5 cm 10 Minute goal (30 x 2 m)		Transect#: <u>7</u>	Time: Beg. <u>12:25</u> End: <u>12:33</u>	Dist	Transect#: <u>8</u>	Time: Beg. <u>12:38</u> End: <u>1:50</u>	Dist
Abalones	red abalone (size cm)	<u>4.5, 5.5, 8, 11x2, 5x2,</u> <u>10x4.5, 6</u>			<u>7.5, 8.5x2, 9.5, 10x2,</u> <u>12x3, 18, 22, 26</u>		
	flat abalone (size cm)						
	pinto abalone (size cm)				<u>4.5</u>		
	green abalone (size cm)	<u>3.5, 6</u>					
	pink abalone (size cm)				<u>7, 9.5</u>		
	Unknown abalone						
Cucumbers	CA spiny lobster						
	CA sea cucumber	<u> </u>			<u> </u>		
	warty sea cucumber	<u> </u>			<u> </u>		
Sea Stars	bat star	<u> </u>			<u> </u>		
	short spined sea star	<u> </u>			<u> </u>		
	giant spined star				<u> </u>		
	sun/sunflower star	<u> </u>			<u> </u>		
Slugs/snails	chestnut cowry						
	Kellett's whelk	<u> </u>			<u> </u>		
	wavy / red turban snail	<u> </u>			<u> </u>		
	giant keyhole limpet	<u> </u>			<u> </u>		
Crabs	rock crab	<u> </u>			<u> </u>		
	sheep/masking crab	<u> </u>			<u> </u>		
	gumboot chiton	<u> </u>			<u> </u>		
	rock scallop				<u> </u>		
Gorgonians	large anemone (>10cm)	<u> </u>			<u> </u>		
	brown/golden gorgonian (>10cm)	<u> </u>			<u> </u>		
	red gorgonian (>10 cm)	<u> </u>			<u> </u>		
Urchins	red urchin	<u> </u>			<u> </u>		
	purple urchin	<u> </u>			<u> </u>		
		<u> </u>			<u> </u>		
	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)

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Date Jun 23, 2021

Diver: Allison

Visibility (m) ~ 8 m

Buddy: Ryleigh

Count all orgs. > 2.5 cm		Transect#: <u>9</u>		Dist	Transect#: <u>10</u>		Dist
10 Minute goal (30 x 2 m)		Time: Beg: <u>2:00</u> End: <u>2:11</u>	Time: Beg: <u>2:15</u> End: <u>2:24</u>				
Abalones	red abalone (size cm)	<u>11 x 3, 14 x 2, 18, 24, 28, 5, 65</u>		<u>12, 12.5, 14 x 3, 15, 6.5, 24,</u>			
	flat abalone (size cm)	<u>7.5 x 2</u>		<u>17, 8.5 x 2,</u>			
	pinto abalone (size cm)			<u>3.5, 5.5</u>			
	green abalone (size cm)						
	pink abalone (size cm)	<u>4.5 x 2, 10 x 3, 17</u>		<u>19</u>			
	Unknown abalone						
Cucumbers	CA spiny lobster	<u>1</u>					
	CA sea cucumber	<u>11</u>		<u>1</u>			
	warty sea cucumber	<u>III IIII</u>		<u>III</u>			
Sea Stars	bat star	<u>IIII IIII</u>		<u>IIII IIII IIII</u>			
	short spined sea star	<u>11</u>					
	giant spined star	<u>1</u>		<u>1</u>			
	sun/sunflower star	<u>1</u>					
Slugs/snails	chestnut cowry	<u>11</u>					
	Kellett's whelk	<u>11</u>					
	wavy / red turban snail	<u>IIII II</u>		<u>IIII IIII IIII IIII IIII IIII</u>			
	giant keyhole limpet	<u>11</u>		<u>II</u>			
Crabs	rock crab	<u>IIII</u>					
	sheep/masking crab						
	gumboot chiton	<u>1</u>					
	rock scallop	<u>1</u>					
	large anemone (>10cm)	<u>111</u>					
Gorgonians	brown/golden gorgonian (>10cm)	<u>1</u>					
		<u>11</u>					
	red gorgonian (>10 cm)						
Urchins	red urchin	<u>IIII IIII</u>		<u>II</u>			
	purple urchin	<u>IIII</u>		<u>IIII IIII IIII IIII IIII</u>			
				<u>11</u>			
	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)