

Summer Survey- Buck Gully	Quadrat Data-Transect 1 % coverage					
	P1	P2	P3	P4	P5	P6
species group						
Balanus glandula						
Cthamalus fesus			2			
ARTCOR		66	51	51	1	22
ergmen			2		98	46
SARMUT			5	1		
SILCOM						
ULVENT	27	7	10	19		
MYTCAL			16	1	1	27
Acanthina spirata						
Acmea strigatella			1			1
ANTELE				1		
C.Scab						
Chama sp.			1			
Codium setchellii			1			
Collisella digitalis						
Collisella limatula						
Collisella scabra						
Colpomenia sp.		6				
CRV COR						
culp						
Culp black						
Culp.						
Culp. Black. FID						
Doriopsilla albopunctatia						
FIS						
Fissurella volcano						
GLAN			1			
irridia FID Bre						
LIT						
Littorina						
Littorina scutulata						
LOTGIG						
Megastraea undosa						
MOPALIA						
Mopalia muscosa						
Nutillina						
Nuttallina californica			2			1
Nuttilina						
OTHBRO	62	4	5	2		
OTHSUB	3	1		6		
Owl Limpet						
PAG						
Paguridae	1			1		
PHYOVE						
POLPOL						
RALFSIA						
Ralfsia sp.			1			
RPCL						
RT		1		11		2
Serpulorbis squamigerus						
Strongylocentrotus pupuratus						
TAG						
Tegula						
Tegula eisini				2		
tegulla						
TETRUB						1
ROCK	7	15	2	5		
Sand						

Summer Survey- Buck Gully	Quadrat Data-Transect 2 % coverage					
species group	P1	P2	P3	P4	P5	P6
Balanus glandula						
Cthamalus fisis					3	
ARTCOR		5		60	27	48
ergmen					12	
SARMUT		1				1
SILCOM						
ULVENT		5		4	8	6
MYTCAL	3	6	18	2	27	6
Acanthina spirata		1				
Acmea strigatella			1			1
ANTELE	13	11	1	11		10
C.Scab					1	
Chama sp.				3	3	1
Codium setchellii	3					
Collisella digitalis						
Collisella limatula			1		3	
Collisella scabra	4		3		2	
Colpomenia sp.						
CRV COR						
culp						
Culp black	1					
Culp.						
Culp. Black. FID						
Doriopsilla albopunctatia						
FIS						
Fissurella volcano						
GLAN	5		6		8	1
irridia FID Bre						
LIT						
Littorina	1					
Littorina scutulata	1					
LOTGIG	2		6			
Megastreaa undosa						
MOPALIA						
Mopalia muscosa						
Nutillina						
Nuttallina californica	1		2	1	1	2
Nuttilina				1		
OTHBRO		33		3		1
OTHSUB		6				3
Owl Limpet						
PAG		2				
Paguridae	5	5				
PHYOVE						
POLPOL			10			
RALFSIA						
Ralfsia sp.	8					
RPCL						
RT		11		10	3	2
Serpulorbis squamigerus						
Strongylocentrotus pupuratus						2
TAG						
Tegula						
Tegula eisini	2	2		2	1	1
tegulla						
TETRUB	1		3		1	2
ROCK	50	12	49	3		13
Sand						

Summer Survey- Buck Gully	Quadrat Data-Transect 3 % coverage					
species group	P1	P2	P3	P4	P5	P6
Balanus glandula						
Cthamalus fisis	13		6			
ARTCOR					53	43
ergmen						
SARMUT					3	
SILCOM						
ULVENT					8	5
MYTCAL			2	18		
Acanthina spirata						
Acmea strigatella						
ANTELE		3		5		1
C.Scab						
Chama sp.					1	
Codium setchellii	2					
Collisella digitalis						
Collisella limatula		3	1		2	
Collisella scabra		1			3	
Colpomenia sp.					1	2
CRV COR						
culp						
Culp black						
Culp.						
Culp. Black. FID						
Doriopsilla albopunctatia						
FIS			1			
Fissurella volcano						
GLAN		8	3	13		
irridia FID Bre						
LIT						
Littorina						
Littorina scutulata	21	11	19	1		
LOTGIG				3		
Megastreaa undosa						
MOPALIA						
Mopalia muscosa			1			
Nutilina						
Nuttallina californica			1		1	
Nutilina						
OTHBRO		2			7	33
OTHSUB					1	3
Owl Limpet						
PAG						
Paguridae		1				
PHYOVE						
POLPOL						
RALFSIA						
Ralfsia sp.						
RPCL						
RT					6	6
Serpulorbis squamigerus					2	
Strongylocentrotus pupuratus						
TAG						
Tegula						
Tegula eisini					1	
tegulla						
TETRUB						
ROCK	64	71	66	60	11	7
Sand						



Summer Survey- Morning Canyon	Quadrat Data -Transect 1 % coverage					
	P1	P2	P3	P4	P5	P6
species group						
Balanus glandula						
Cthamalus fesus						
ARTCOR		7	16	19	28	70
ergmen					33	13
SARMUT			6			1
SILCOM		6				
ULVENT			3	7	7	3
MYTCAL			1	1		
Acanthina spirata			1			
Acmea strigatella						
ANTELE		3		9		
C.Scab			1			
Chama sp.						
Codium setchellii		3	2			
Collisella digitalis		2				
Collisella limatula		6	8	1		
Collisella scabra		2	2	1		
Colpomenia sp.						
CRV COR						
culp						
Culp black						
Culp.						
Culp. Black. FID		1				
Doriopsilla albopunctata						
FIS						
Fissurella volcano						
GLAN						
irridia FID Bre						
LIT						
Littorina						
Littorina scutulata						
LOTGIG						
Megastraea undosa						
MOPALIA						
Mopalia muscosa		1				
Nutillina						
Nuttallina californica		3	5	1	5	
Nuttilina			1			
OTHBRO		5		18	7	
OTHSUB			4	5		1
Owl Limpet						
PAG				2		
Paguridae				3		
PHYOVE						
POLPOL						
RALFSIA						
Ralfsia sp.						
RPCL						
RT			11	1	1	6
Serpulorbis squamigerus						
Strongylocentrotus pupuratus						5
TAG						
Tegula						
Tegula eisini			2	4		
tegulla			1			
TETRUB						
ROCK		61	36	28	18	1
Sand	100					

Summer Survey- Morning Canyon	Quadrat Data -Transect 2 % coverage					
	P1	P2	P3	P4	P5	P6
species group						
Balanus glandula						
Cthamalus fesus	6					
ARTCOR		1	20	47	2	12
ergmen						40
SARMUT						
SILCOM	4					
ULVENT			32	9	48	18
MYTCAL		1	7	2	15	13
Acanthina spirata						
Acmea strigatella						
ANTELE		3		2		
C.Scab						
Chama sp.						1
Codium setchellii						
Collisella digitalis						
Collisella limatula		3			3	1
Collisella scabra						
Colpomenia sp.			8	10		1
CRV COR						
culp				2		
Culp black						
Culp.						
Culp. Black. FID						
Doriopsilla albopunctata						
FIS	3					
Fissurella volcano						1
GLAN	42				2	2
irridia FID Bre				1		
LIT	1					
Littorina						
Littorina scutulata	3					
LOTGIG					1	2
Megastraea undosa			1			
MOPALIA						
Mopalia muscosa						
Nutillina						
Nuttallina californica		5	1		1	1
Nuttilina						
OTHBRO		36				
OTHSUB			13	7		
Owl Limpet						
PAG		9	1			
Paguridae						
PHYOVE						
POLPOL						
RALFSIA					1	
Ralfsia sp.			2		10	3
RPCL						
RT						
Serpulorbis squamigerus						
Strongylocentrotus pupuratus			9	11		
TAG		1				
Tegula						
Tegula eisini	1	6	2			
tegulla						
TETRUB						
ROCK	40	35	4	9	17	5
Sand						

Summer Survey- Morning Canyon	Quadrat Data -Transect 3 % coverage					
	P1	P2	P3	P4	P5	P6
species group						
Balanus glandula						
Cthamalus fisis	2	1				
ARTCOR			9	83	4	1
ergmen					94	99
SARMUT			3			
SILCOM	14	80				
ULVENT			8	14		
MYTCAL	3		7			
Acanthina spirata			1			
Acmea strigatella						
ANTELE	3			3		
C.Scab			1			
Chama sp.			1			
Codium setchellii	1		6			
Collisella digitalis						
Collisella limatula	4					
Collisella scabra	2	3	2			
Colpomenia sp.						
CRV COR						
culp						
Culp black						
Culp.						
Culp. Black. FID						
Doriopsilla albopunctata						
FIS						
Fissurella volcano						
GLAN	1		5			
irridia FID Bre						
LIT						
Littorina						
Littorina scutulata		1				
LOTGIG	1					
Megastraea undosa						
MOPALIA						
Mopalialia muscosa	1					
Nutillina						
Nuttallina californica	1		4			
Nuttilina						
OTHBRO			1			
OTHSUB						
Owl Limpet						
PAG						
Paguridae						
PHYOVE						
POLPOL						
RALFSIA						
Ralfsia sp.						
RPCL						
RT			22		2	
Serpulorbis squamigerus						
Strongylocentrotus pupuratus						
TAG						
Tegula						
Tegula eisini	1					
tegulla						
TETRUB						
ROCK	66	15	30			
Sand						

Buck Gully- Winter Survey species group	Quadrat Data- Transect 1 % coverage						Quadrat Data- Transect 2 % coverage						Quadrat Data- Transect 3 % coverage					
	P1	P2	P3	P4	P5	P6	P1	P2	P3	P4	P5	P6	P1	P2	P3	P4	P5	P6
CHTBAL			2	1			12	1	6	2	1		13	28	38	15	14	
ARTCOR		15	1	30	19	9		4		4	10	13					37	25
CRUCOR		14	27		21	26	2			7	8	48			4			31
EISARB												2						
ENDMUR		2		36														
SARMUT																		
SILCOM																		
ULVENT	2		2			3	1	1	2	2							4	13
MYTCAL			7	7	22	43	1	22	46	6	58			1	2	21		
ANTELE				3			10	1	12	20	1	18		5	1			
CHITON			3		1			2		3	1			2	1	1	1	1
ergmen			18		16	4						7						
GA				1														
LIMPET				1	1	1		1	1	1			1	1			1	
LOTGIG							1		3							4		
OTHBRO	51	1	15		6	3	7	25		50				2	18		3	3
OTHGRE										1	1							
OTHINV			5	12	6	2		6		2		6	12	3	2		6	7
OTHRED			2			1												
OTHSUB			1				2	23	3		5	4					11	1
PHRCAL			7			1					4	1						
PHYOVE																		
POLPOL									4		7							
R										2							2	
REDTURF																		
TETRUB			2		1	2			4		2					1	3	
ROCK	47	26	7	10	7	5	64	14	21	1	3		74	58	34	58	18	19
Sand		42																





Morning Canyon-Winter Survey	Quadrat Data- Transect 1 % coverage						Quadrat Data- Transect 2 % coverage						Quadrat Data- Transect 3 % coverage					
	P1	P2	P3	P4	P5	P6	P1	P2	P3	P4	P5	P6	P1	P2	P3	P4	P5	P6
Species group																		
CHTBAL							81						15	2	1			
ARTCOR	4	11	8	18	17	68		3	15	48					48	51	8	16
CRUCOR			2												2		6	2
EISARB																		
ENDMUR	1	13	7	16	51			43		1			4	2	4	1	9	50
SARMUT																		
SILCOM	1					4	4						6	70				
ULVENT	11	5	2	8		2			11	15					9	20		2
MYTCAL			2	8				4	22	2	100	94	3					1
ANTELE		3				2						1	6			2		
CHITON	1	2	2		6			7	1									2
ergmen					11	10											5	18
GA																		
LIMPET	1	1	3	2				1					4	1				1
LOTGIG			1										1					
OTHBRO		7								2			1		2		30	
OTHGRE																		
OTHINV	1	2	2	2	1	4		1	2	5		2	1	1	2	1	4	2
OTHRED						1	8			2					14	17	29	6
OTHSUB			9	5		5		6	22	17								
PHRCAL		6	7	1						1								
PHYOVE																7	8	
POLPOL																		
R																		
REDTURF						2				1								
TETRUB																		
ROCK	83	57	56	34	13	2	7	35	27	6			59	24	8	1		1
Sand															10			