

Appendix 10.5 **Information extracted from Intertidal Surveys for Ocean
Park Corporation Master Redevelopment Project**

Appendix 5.5 Composition and Abundance (No. of Individuals/percentage cover per 0.25m²) of Rocky Shore, Sandy Shore and Artificial Seawall Biota at the Assessment Area - Batch 1

Sandy Shore next to a Jetty in Lowland Area
Survey Date: 28 Aug 2005

Level	High shore -----> Low shore					
Species / Distance on Transect	1m	2m	3m	4m	5m	6m
<i>Ligia exotica</i>	1	1				2
<i>Donax sp.</i>				1	2	1
Unidentified Clam #1						1

Rocky Shoreline of Headland Area
Survey Date: 2 Sep 2005

Level	High shore -----> Low shore					
Species / Distance on Transect	1m	2m	3m	4m	5m	
<i>Echinolittorina trochoides</i>	1					
<i>Echinolittorina vidua & radiata</i>	2	3				
<i>Cellana grata</i>		5				
<i>Collisella dorsuosa</i>	2	102				
<i>Patelloida saccharina</i>		14	7			
<i>Stepifer virgatus</i>		40%	5%			
<i>Acanthopleura japonica</i>		13	18	10		
<i>Tetraclita japonica</i>		50%	80%	70%	5%	
<i>Ligia exotica</i>		1			1	
<i>Cellana toreuma</i>			25		6	
Amphipods					10	
<i>Endarachne binghamiae</i>					5%	
Juvenile Crab					1	
<i>Thais clavigera</i>			10	34	15	
<i>Perna viridis</i>				15%	15%	
<i>Corallina sessilis</i>				35%	25%	
<i>Hildenbrandtia rubra</i>					20%	
<i>Anthocidaris crassispina</i>					1	
<i>Hydroides sp.</i>					3%	

Artificial Seawall of Tai Shue Wan Area
Survey Date: 2 Sep 2005

Level	High shore -----> Low shore					
Species / Distance on Transect	1m	2m	3m	4m	5m	6m
<i>Pseudulvella applanata</i>	15%					
<i>Chthamalus malayensis</i>		5%				
<i>Patelloida pygmaea</i>		23	88	17		
<i>Tetraclita japonica</i>		5%	5%		10%	
<i>Siphonaria laciniosa</i>		1		11	22	
<i>Saccostrea cucullata</i>		5%	20%	35%	55%	
<i>Sepifer virgatus</i>				5%		
<i>Cellana toreuma</i>				1	1	
<i>Ligia exotica</i>			3	12	5	15
<i>Balanus amphitrite</i>				20%	30%	70%
<i>Hildenbrandtia rubra</i>				10%	5%	15%
Juvenile Crab				1	2	2
<i>Nerita albicilla</i>					1	
<i>Acanthopleura japonica</i>					1	4
<i>Thais clavigera</i>						2

Seawall of Pumping Station
Survey Date: 27 Sep 2005

Level	High shore -----> Low shore					
Species / Distance on Transect	1m	2m				
<i>Capitella mitella</i>	20%	10%				
<i>Tetraclita japonica</i>	5%	10%				
<i>Cellana grata</i>	10	15				
Unidentified Snail #1	15					
<i>Septifera virgatus</i>	5%	10%				
<i>Acanthopleura japonica</i>	4	8				
<i>Perna viridis</i>		5%				
Neritidae sp.		10				
<i>Thais clavigera</i>		2%				
<i>Hydroides sp.</i>		5%				

Appendix 5.5 Composition and Abundance (No. of Individuals/percentage cover per 0.25m²) of Rocky Shore, Sandy Shore and Artificial Seawall Biota at the Assessment Area - Batch 2

Sandy Shore next to a Jetty in Lowland Area

Survey Date: 9 Nov 2005

Level	High shore -----> Low shore					
Species / Distance on Transect	1m	2m	3m	4m	5m	6m
<i>Donax sp.</i>	1	5	9	13	3	1

Rocky Shoreline of Headland Area

Survey Date: 8 Nov 2005

Level	High shore -----> Low shore					
Species / Distance on Transect	1m	2m	3m	4m	5m	6m
<i>Echinolittorina vidua</i>	16	17				
<i>Collisella dorsuosa</i>	2	7	5			
<i>Capitella mitella</i>			3%			
<i>Cellana grata</i>			1			
<i>Septifer virgatus</i>			20%			
<i>Megabalanus volcano</i>		10%	5%		5%	
<i>Tetraclita squamosa</i>			10%	10%		
<i>Cellana toreuma</i>			55	16		
<i>Siphonaria laciniosa</i>				11		
<i>Tetraclita japonica</i>		2%	20%	50%	10%	
<i>Patelloida saccharina</i>		2	23	10	5	
<i>Thais clavigera</i>			14	38	50	
<i>Acanthopleura japonica</i>			15	23	4	
<i>Gelidium pusillum</i>				2%	70%	
<i>Corallina sessilis</i>				60%	25%	
<i>Perna viridis</i>					5%	

Artificial Seawall of Tai Shue Wan Area

Survey Date: 8 Nov 2005

Level	High shore -----> Low shore					
Species / Distance on Transect	1m	2m	3m	4m	5m	6m
<i>Collisella dorsuosa</i>	2					
<i>Echinolittorina vidua</i>	19					
<i>Capitella mitella</i>	5%					
<i>Hildenbrandtia rubra</i>	80%	70%				
Juvenile Crab		1				
<i>Pseudovella appianata</i>	10%	30%	60%			
<i>Nerita albicilla</i>			1			
<i>Cellana toreuma</i>	2	2	16	10		
<i>Corallina sessilis</i>			40%	60%		
<i>Nipponacmea concinna</i>			28	18		
<i>Serpulorbis imbricatus</i>			10%	40%		
<i>Tetraclita japonica</i>	2%	1%		1%	5%	
<i>Acanthopleura japonica</i>	3			2		
<i>Patelloida saccharina</i>		2	23	6		10
<i>Saccostrea cucullata</i>		2%		30%	60%	20%
<i>Siphonaria laciniosa</i>					31	17
<i>Balanus amphitrite</i>						40%
<i>Thais clavigera</i>						13

Seawall of Pumping Station

Survey Date: 9 Nov 2005

Level	High shore -----> Low shore					
Species / Distance on Transect	1m	2m	3m	4m	5m	6m
<i>Capitella mitella</i>	20					
<i>Ligia exotica</i>	2					
<i>Patelloida saccharina</i>	2					
<i>Echinolittorina vidua</i>	5					
<i>Cellana grata</i>	10					
<i>Tetraclita japonica</i>	5%	1%				
<i>Septifera virgatus</i>	5%	2%				
<i>Acanthopleura japonica</i>	7	16				
<i>Monodonta labio</i>	1	5				
<i>Thais clavigera</i>		10				
<i>Serpulorbis imbricatus</i>		10%				
<i>Cellana toreuma</i>		7				
Juvenile Crab		2				