

TABLE 3. Summary of Biological Observations Made at Transect T-2, Offshore of Kewalo Landfill (Station A) on 28 August 1995

I. Quadrat Survey	Quadrat Distance Along Transect				
	0 m	5 m	10 m	15 m	20 m
Algae					
<i>Polysiphonia</i> sp.			1.0		
Sponges					
<i>Spirastrella coccinea</i>	0.7	0.1	2.0	0.2	
<i>Plakortis simplex</i>	0.2				
Corals					
<i>Porites lobata</i>	24.0	12.0	38.0	34.0	53.0
<i>Porites compressa</i>			0.8	0.1	2.8
<i>Pocillopora meandrina</i>		2.8	4.3	4.0	3.5
<i>Pocillopora eydouxi</i>				3.9	
<i>Montipora verrucosa</i>		0.1	5.3		0.1
<i>Montipora patula</i>			0.1		
<i>Leptastrea purpurea</i>			0.3		
Sand	1.0	1.0	1.0		
Hard Substratum	74.1	84.0	47.2	57.8	40.6

II. Macroinvertebrate Census (4 m ∞ 20 m)	No. of Individuals				
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Phylum Mollusca					
<i>Spondylus tenebrosus</i>	2				
Phylum Annelida					
<i>Spirobranchus giganteus corniculatus</i>	92				
<i>Sabellastarte sanctijosephi</i>	1				
Phylum Echinodermata					
<i>Tripneustes gratilla</i>	1				
<i>Echinothrix diadema</i>	1				
<i>Echinothrix calamaris</i>	1				
<i>Echinometra mathaei</i>	1				

III. Fish Census (4 m ∞ 20 m)					
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37 Species					
329 Individuals					
Estimated Standing Crop = 457 g/m ²					

NOTE: Results of the 5-m² quadrat sampling of the benthic community are presented in Part I as percent cover, counts of diurnally exposed macroinvertebrates are given in Part II, and a summary of the fish census is given in Part III. Water depth ranges from 17 to 18.2 m; mean coral coverage is 37.8% (quadrat method).