

TABLE 3. Summary of Biological Observations Made at Transect T-2, Offshore of Kewalo Landfill (Station A) on 14 August 1997

I. Quadrat Survey	Quadrat Distance Along Transect				
	0 m	5 m	10 m	15 m	20 m
Algae					
<i>Amansia glomerata</i>				4.6	1.1
<i>Porolithon onkodes</i>			2.0		
<i>Tolypocladia</i> sp.		0.5			
<i>Botryocladia skottsbergii</i>					0.2
Sponges					
<i>Spirastrella coccinea</i>	1.0			0.7	0.2
<i>Plakortis simplex</i>	0.1				
Corals					
<i>Porites lobata</i>	27.0	12.2	74.0	37.0	29.0
<i>Porites compressa</i>		2.5			
<i>Pocillopora meandrina</i>		6.1	2.0	4.0	4.0
<i>Montipora verrucosa</i>	0.1	0.4		0.1	
<i>Montipora patula</i>	0.7	0.9			
Sand			1.5		2.0
Rubble			3.0	3.0	
Hard Substratum	71.1	73.8	17.5	50.6	63.5

II. Macroinvertebrate Census (4 m ∞ 20 m)	No. of Individuals				
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Phylum Mollusca					
<i>Spondylus tenebrosus</i>	1				
<i>Conus lividus</i>	1				
<i>Pinctado marginifera</i>	2				
Phylum Annelida					
<i>Spirobranchus giganteus corniculatus</i>	53				
Phylum Echinodermata					
<i>Echinothrix calamaris</i>	1				
<i>Echinothrix diadema</i>	25				
<i>Echinometra mathaei</i>	2				

III. Fish Census (4 m ∞ 20 m)					
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28 Species					
213 Individuals					
Estimated Standing Crop = 720 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 17.0 to 18.2 m; mean coral coverage is 40.0% (quadrat method).

