

TABLE 1. Summary of Biological Observations Made at Transect T-1, Offshore of Kewalo Landfill (Station A), 7 September 1993

I. Quadrat Survey	Quadrat Distance Along Transect (m)				
	0	5	10	15	20
Algae					
<i>Laurencia obtusa</i>		0.1			
Corals					
<i>Porites lobata</i>	31	12.5	8	38	4
<i>P. compressa</i>	0.8		0.2	6.5	
<i>Pocillopora meandrina</i>	2	4.2	4	4.2	13
<i>Montipora verrucosa</i>	0.1		0.1	0.1	
<i>M. patula</i>			0.1		
<i>Pavona varians</i>					0.1
Sand	4	1	5	1	14
Rubble	5		57.6		9
Hard Substratum	57.1	82.2	25	50.2	59.9

II. Invertebrate Census (4 ∞ 20 m)	No. of Individuals				
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Phylum Annelida					
<i>Spirobranchus giganteus corniculatus</i>	6				
<i>Sabellastarte sanctijosephi</i>	1				
Phylum Arthropoda					
<i>Panulirus marginatus</i>	4				
Phylum Echinodermata					
<i>Echinostrephus aciculatum</i>	1				
<i>Echinothrix diadema</i>	7				
<i>E. calamaris</i>	1				
<i>Tripneustes gratilla</i>	1				
<i>Linckia diplax</i>	1				

III. Fish Census (4 ∞ 20 m)					
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31 Species					
343 Individuals					
Estimated Standing Crop = 1 039 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 17.4 to 18.2 m; mean coral coverage is 25.8% (quadrat method).