

TABLE 3. Summary of Biological Observations Made at Transect T-2, Offshore of Kewalo Landfill (Station A), 7 September 1993

I. Quadrat Survey	Quadrat Distance Along Transect (m)				
	0	5	10	15	20

Algae					
<i>Liagora tetrasporifera</i>		0.1			
Corals					
<i>Porites lobata</i>	18	12	52	10	14
<i>P. compressa</i>			1	2.6	
<i>Pocillopora meandrina</i>	0.5	2.5	4.8	6	1.7
<i>P. eydouxi</i>					0.3
<i>Montipora verrucosa</i>		0.1	2.3	0.1	
<i>M. patula</i>	0.1	0.1	1		
<i>Leptastrea purpurea</i>			0.1		
Sand		1			1
Hard Substratum	81.4	84.2	38.8	81.3	83

II. Invertebrate Census (4 ∞ 20 m)	No. of Individuals				
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Phylum Mollusca	
<i>Conus lividus</i>	2
<i>Spondylus tenebrosus</i>	2
Phylum Annelida	
<i>Spirobranchus giganteus corniculatus</i>	2
<i>Sabellastarte sanctijosephi</i>	3
Phylum Echinodermata	
<i>Echinothrix diadema</i>	6
<i>E. calamaris</i>	2
<i>Echinostrephus aciculatum</i>	1
<i>Echinometra mathaei</i>	2

III. Fish Census (4 ∞ 20 m)					
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30 Species
150 Individuals
Estimated Standing Crop = 273 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 25.8% (quadrat method).

