

APPENDIX TABLE A. RESULTS OF QUANTITATIVE VISUAL CENSUSES
CONDUCTED AT SIX LOCATIONS OFFSHORE OF
SAND ISLAND, O'AHU, 5-6 DECEMBER 1991

FAMILY AND SPECIES	TRANSECT NUMBER					
	1	2	3	4	5	6
MURAENIDAE0						
<i>Gymnothorax flavimarginatus</i>	1					
<i>G. meleagris</i>			1			
<i>G. eurostus</i>						1
<i>Uropterygius tigrinus</i>	1					
HOLOCENTRIDAE						
<i>Myripristes amoenus</i>						15
AULOSTOMIDAE						
<i>Aulostomus chinensis</i>	1					1
FISTULARIIDAE						
<i>Fistularia commersoni</i>			1			
SCORPAENIDAE						
<i>Scorpaenopsis diabolus</i>	1			1		
SERRANIDAE						
<i>Cephalopholis argus</i>						1
APOGONIDAE						
<i>Apogon kallopterus</i>		13				
SPARIDAE						
<i>Monotaxis grandoculis</i>						2
MULLIDAE						
<i>Mulloides flavolineatus</i>		37				
<i>M. vanicolensis</i>					11	4
<i>Parupeneus pleurostigma</i>	8	1	1			
<i>P. multifasciatus</i>	32	5	23	6	11	3
CHAETODONTIDAE						
<i>Forcipliger flavissimus</i>						2
<i>Chaetodon multicinctus</i>	4	2	1	2		2
<i>C. ornatissimus</i>		2				
POMACANTHIDAE						
<i>Centropyge potteri</i>		2	2		2	8
POMACENTRIDAE						
<i>Dascyllus albisella</i>			10			10
<i>Plectroglyphidodon imparipennis</i>					1	1
<i>Chromis vanderbilti</i>	77	52	52	10		
<i>C. hanui</i>	1	3			3	6
<i>Stegastes fasciolatus</i>					2	2

APPENDIX TABLE A.—Continued

FAMILY AND SPECIES	TRANSECT NUMBER					
	1	2	3	4	5	6
CIRRHITIDAE						
<i>Paracirrhitis arcatus</i>	3		1	2	1	
<i>Cirrhitoys fasciatus</i>		1			1	
<i>Cirrhitis pinnulatus</i>					1	
LABRIDAE						
<i>Labroides phthiophagus</i>			1			1
<i>Bodianus bilunulatus</i>	1		2		1	
<i>Cheilinus bimaculatus</i>		4	1	1		
<i>Pseudocheilinus octotaenia</i>		6				
<i>P. tetrataenia</i>	1					
<i>Thalassoma duperrey</i>	52	28			15	21
<i>T. ballieui</i>					1	2
<i>Comphosus varius</i>					3	3
<i>Coris gaimard</i>	1	1	1			1
<i>Pseudojuloides cerasinus</i>	13	19	13	32		
<i>Stethojulis balteata</i>					1	1
<i>Macropharyngodon geoffroy</i>	3	2				
SCARIDAE						
<i>Calotomus carolinus</i>	6		1			
<i>Scarus perspicillatus</i>	1		2		3	2
<i>S. sordidus</i>	3				2	14
<i>S. psittacus</i>	3				4	
BLENNIIDAE						
<i>Exallia brevis</i>					1	
ACANTHURIDAE						
<i>Acanthurus achilles</i>					2	
<i>A. nigrofusus</i>	27	17	19	4	34	37
<i>A. nigroris</i>	5				60	
<i>A. olivaceus</i>	4					
<i>A. dussumieri</i>	1					
<i>Ctenochaetus strigosus</i>		1	1	1		43
<i>Zebrasoma flavescens</i>	4				1	4
<i>Naso lituratus</i>	1	7				
<i>N. hexacanthus</i>		29				
ZANCLIDAE						
<i>Zanclus cornutus</i>		2			1	2
BALISTIDAE						
<i>Melichthys niger</i>					2	3
<i>M. vidua</i>	1					
<i>Sufflamen bursa</i>	1	2	2	5	6	2
MONACANTHIDAE						
<i>Pervagor spilosoma</i>	1	1			1	

APPENDIX TABLE A.—*Continued*

FAMILY AND SPECIES	TRANSECT NUMBER					
	1	2	3	4	5	6
OSTRACIIDAE						
<i>Ostracion meleagris</i>	1	1				
CANTHIGASTERIDAE						
<i>Canthigaster jactator</i>		1	1	2	3	8
<i>C. cornata</i>	1		1	2		
<i>C. rivulata</i>					2	
TETRAODONTIDAE						
<i>Arothron hispidus</i>		2				
Total No. of Species	31	26	22	12	28	29
Total No. of Individuals	260	240	138	68	176	202
Biomass (g/m ²)	148	221	72	20	101	183

NOTE: Each entry in the body of the table represents the total number of individuals of each species seen; totals are presented at the foot of the table along with an estimate of the standing crop (g/m²) of fishes present at each location. All censuses were carried out by the author.