

APPENDIX TABLE A. RESULTS OF QUANTITATIVE VISUAL CENSUSES CONDUCTED AT SIX LOCATIONS OFFSHORE OF SAND ISLAND, O‘AHU, 21 DECEMBER 1992 (STATIONS 1–4) AND 25 JANUARY 1993 (STATIONS 5 AND 6)

FAMILY AND SPECIES	TRANSECT NUMBER					
	1	2	3	4	5	6
MURAENIDAE						
<i>Gymnothorax undulatus</i>	1					
<i>G. meleagris</i>			1			
<i>G. eurostus</i>	1					
<i>G. petelli</i>			1			
AULOSTOMIDAE						
<i>Aulostomus chinensis</i>		1				1
SCORPAENIDAE						
<i>Scorpaenopsis diabolus</i>	1					
SPARIDAE						
<i>Monotaxis grandoculis</i>						1
LUTJANIDAE						
<i>Aprion virescens</i>	1					
MULLIDAE						
<i>Mulloides flavolineatus</i>	109	37				
<i>Parupeneus pleurostigma</i>	2				1	
<i>P. multifasciatus</i>	8	5	8		12	12
<i>P. cyclostomus</i>	3					
CHAETODONTIDAE						
<i>Forcipiger flavissimus</i>	1	2			1	2
<i>F. longirostris</i>						1
<i>Chaetodon multicinctus</i>	2				1	
<i>C. ornatissimus</i>	2					
<i>C. miliaris</i>	6					
POMACANTHIDAE						
<i>Centropyge potteri</i>		3				2
POMACENTRIDAE						
<i>Dascyllus albisella</i>		1				9
<i>Abudefduf abdominalis</i>	9					
<i>Plectroglyphidodon johnstonianus</i>	1	1				
<i>Chromis vanderbilti</i>	29	69		4	1	26
<i>C. hanui</i>					2	9
<i>C. ovalis</i>	27					8
<i>C. verator</i>	4					
<i>C. agilis</i>						9
<i>Stegastes fasciolatus</i>					3	2
CIRRHITIDAE						
<i>Paracirrhitis arcatus</i>	4	11	2	1	1	
<i>Cirrhitops fasciatus</i>		1			1	
<i>Cirrhitis pinnulatus</i>						1

LABRIDAE

<i>Labroides phthirophagus</i>						2
<i>Cheilio inermis</i>						1
<i>Bodianus bilunulatus</i>	1		1			
<i>Cheilinus bimaculatus</i>			1	12		
<i>C. rhodochrous</i>						1
<i>Pseudocheilinus octotaenia</i>	3	1				1
<i>P. tetrataenia</i>	2					
<i>Thalassoma duperrey</i>	16	4			4	5
<i>T. ballieui</i>	1	1				1
<i>Gomphosus varius</i>					3	7
<i>Coris gaimard</i>	2		1			
<i>Pseudojuloides cerasinus</i>	4	5	3			1
<i>Stethojulis balteata</i>	1				3	1
<i>Novaculichthys taeniourus</i>			1			

SCARIDAE

<i>Calotomus carolinus</i>						1
<i>Scarus sordidus</i>					4	19
<i>S. psittacus</i>					1	3
<i>S. rubroviolaceus</i>	1					

BLENNIIDAE

<i>Cirripectus variolosus</i>						1
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ACANTHURIDAE

<i>Acanthurus nigrofuscus</i>	12		2	1	24	30
<i>A. nigroris</i>					5	5
<i>A. thompsoni</i>						26
<i>A. olivaceus</i>	1		1			
<i>Ctenochaetus strigosus</i>					56	48
<i>Zebrasoma flavescens</i>	3	1				
<i>Naso lituratus</i>	3				1	
<i>N. hexacanthus</i>	43					

ZANCLIDAE

<i>Zanclus cornutus</i>	2				4	1
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BALISTIDAE

<i>Melichthys niger</i>					3	6
<i>Sufflamen bursa</i>	2	5	5	5	3	1

MONACANTHIDAE

<i>Pervagor spilosoma</i>	1	1				
<i>P. melanocephalus</i>						1
<i>Cantherhines dumerili</i>				1		

OSTRACIIDAE

<i>Ostracion meleagris</i>			1		1	1
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CANTHIGASTERIDAE

<i>Canthigaster jactator</i>	3	3	4	1	1	1
<i>C. cornata</i>			1	1		

TETRAODONTIDAE

Arothron hispidus

1

1

Total No. of Species	36	19	15	9	23	36
Total No. of Individuals	312	153	33	27	136	247
Biomass (g/m ²)	736	247	30	14	69	108

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.