

TABLE A.1. Results of Quantitative Visual Fish Censuses Conducted on Two Transects Each at Four Stations Offshore of 'Ewa Beach, O'ahu, Hawai'i, 19 and 21 February 1997

FAMILY and Species	Transect (BP-)							
	1-A	1-B	2-A	2-B	3-A	3-B	4-A	4-B
CARCHARHINIDAE								
<i>Carcharhinus milberti</i>								1
MURAENIDAE								
<i>Gymnothorax flavimarginatus</i>					1			1
HOLOCENTRIDAE								
<i>Myripristis amaenus</i>	9	18						
<i>Adioryx xantherythrus</i>	3			1				
FISTULARIIDAE								
<i>Fistularia commersoni</i>	1							
SERRANIDAE								
<i>Cephalopholis argus</i>		1					1	
APOGONIDAE								
<i>Apogon kallopterus</i>							3	
LUTJANIDAE								
<i>Lutjanus kasmira</i>		30					181	
<i>Alphareus furcatus</i>		1					2	
<i>Aprion virescens</i>					1	2		
CARANGIDAE								
<i>Decapterus macarellus</i>				65	4			30
LETHRINIDAE								
<i>Monotaxis grandoculis</i>	1	11					1	
MULLIDAE								
<i>Parupeneus pleurostigma</i>	1				1		1	
<i>Parupeneus multifasciatus</i>	7	4			21	28	54	1
<i>Parupeneus cyclostomus</i>					2			
<i>Parupeneus bifasciatus</i>		3						
CHAETODONTIDAE								
<i>Forcipiger flavissimus</i>	1	2				1	4	
<i>Forcipiger longirostris</i>							1	
<i>Chaetodon kleinii</i>	2				4	1	9	
<i>Chaetodon ornatissimus</i>		2						
<i>Chaetodon miliaris</i>							128	
<i>Chaetodon multicinctus</i>	2	2				2		
<i>Chaetodon quadrimaculatus</i>					2			

<i>Chaetodon auriga</i>					2			
<i>Chaetodon lunula</i>					1			
<i>Chaetodon fremblii</i>							1	
<i>Heniochus diphreutes</i>							21	
POMACANTHIDAE								
<i>Centropyge potteri</i>	8	6				1		
POMACENTRIDAE								
<i>Dascyllus albisella</i>	91	27		29	28	7	140	
<i>Plectroglyphidodon johnstonianus</i>		5					3	
<i>Chromis hanui</i>	13	14						
<i>Chromis ovalis</i>							31	

TABLE A.1—Continued

Taxon and Species	Transect (BP-)							
	1-A	1-B	2-A	2-B	3-A	3-B	4-A	4-B
<i>Chromis vanderbilti</i>					5			1
<i>Chromis agilis</i>	5							
<i>Stegastes fasciolatus</i>	7						15	
<i>Abudefduf abdominalis</i>							125	
CIRRHITIDAE								
<i>Paracirrhites arcatus</i>	1			1				8
<i>Paracirrhites forsteri</i>	1				1		3	
<i>Cirrhitoys fasciatus</i>						4	4	
LABRIDAE								
<i>Bodianus bilunulatus</i>	1	2				2	1	
<i>Pseudocheilinus octotaenia</i>	6	4			2	5	1	
<i>Pseudocheilinus tetrataenia</i>						1		1
<i>Thalassoma dupperrey</i>	20	13	1	7	22	14	21	
<i>Thalassoma ballieui</i>		1						
<i>Gomphosus varius</i>	1	1					1	
<i>Stethojulis balteata</i>	3	1				4	4	
<i>Coris gaimard</i>					1			
<i>Coris venusta</i>					1			
<i>Pseudojuloides cerasinus</i>		1				4		
<i>Labroides phthiophagus</i>					1			
<i>Cheilinus bimaculatus</i>			1	3				
<i>Macropharyngodon geoffroy</i>	1						1	
<i>Halichoeres ornatissimus</i>	1							
SCARIDAE								
<i>Calatomus carolinus</i>					1		5	
<i>Scarus sordidus</i>		9						
<i>Scarus psittacus</i>	11	28			29	26	3	
<i>Scarus rubroviolaceus</i>					2			

BLENNIDAE								
<i>Exallia brevis</i>	1	1						
<i>Plagiotremus ewaensis</i>				1				
<i>Ptereleotris heteropterus</i>			2	2				
PARAPERCIDAE								
<i>Parapercis schauinslandi</i>			1					
ACANTHURIDAE								
<i>Acanthurus nigrofusus</i>	24	35			32	6	59	
<i>Acanthurus triostegus</i>							67	
<i>Acanthurus nigroris</i>	20	14			11		28	
<i>Acanthurus olivaceus</i>	13	85			8	31	13	2
<i>Acanthurus dussumieri</i>					10	50	1	
<i>Acanthurus thompsoni</i>							14	
<i>Acanthurus xanthopterus</i>					3			
<i>Ctenochaetus strigosus</i>	105	96			2	4	75	
<i>Zebrasoma flavescens</i>	3	3			5			
<i>Naso lituratus</i>						4	9	
<i>Naso hexacanthus</i>		1				96	38	
<i>Naso brevirostris</i>	10						1	
<i>Zanclus cornutus</i>	1	2		2				

TABLE A.1—Continued

Family and Species	Transect (BP-)							
	1-A	1-B	2-A	2-B	3-A	3-B	4-A	4-B
BALISTIDAE								
<i>Melichthys niger</i>					3	3		
<i>Melichthys vidua</i>	1	1		1	2	1	1	
<i>Sufflamen bursa</i>	3	3	1	1	1	3	7	1
<i>Sufflamen fraenatus</i>			2	2		1	2	1
<i>Xanthichthys mento</i>							1	3
MONACANTHIDAE								
<i>Pervagor melanocephalus</i>	1							
<i>Cantherhines sandwichiensis</i>	1				2			
<i>Alutera scripta</i>								1
OSTRACIANTIDAE								
<i>Ostracion meleagris</i>						1		
TETRAODONTIDAE								
<i>Arothron hispidus</i>			1					
<i>Canthigaster jactator</i>	1	1	1	1	2			1
<i>Canthigaster cornata</i>				1				
DIODONTIDAE								
<i>Diodon hystrix</i>	1							
<i>Diodon holocanthus</i>				1				
Total No. of Species	38	34	8	15	33	26	42	13
Total No. of Individuals	382	428	10	118	213	302	1,081	52
Estimated Standing Crop (g/m ²)	251	471	12	168	236	550	821	1,027

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.