

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, 11 and 15 January 1999

FAMILY and Species	Transect (BP-)							
	1-A	1-B	2-A	2-B	3-A	3-B	4-A	4-B
MURAENIDAE								
<i>Gymnothorax flavimarginatus</i>				1			1	1
<i>Gymnothorax steindachneri</i>		1						
HOLOCENTRIDAE								
<i>Myripristis amaenus</i>	34	8					18	
<i>Flammeo sammara</i>		1						
AULOSTOMIDAE								
<i>Aulostomus chinensis</i>	1	1					3	
FISTULARIIDAE								
<i>Fistularia commersonii</i>	2					1		
SCORPAENIDAE								
<i>Scorpaenopsis diabolus</i>		1						
SERRANIDAE								
<i>Cephalopholis argus</i>						1	2	
APOGONIDAE								
<i>Apogon kallopterus</i>		5			5			
MALACANTHIDAE								
<i>Malacanthus brevirostris</i>				2				
LUTJANIDAE								
<i>Lutjanus kasmira</i>		31					14	
<i>Alphareus furcatus</i>		1					1	
<i>Aprion virescens</i>			2		1	1	9	
CARANGIDAE								
<i>Decapterus macarellus</i>							2	
<i>Alectis ciliaris</i>					3			
<i>Seriola dumerili</i>							3	
LETHRINIDAE								
<i>Monotaxis grandoculis</i>	1	15						
MULLIDAE								
<i>Parupeneus pleurostigma</i>					1			2
<i>Parupeneus multifasciatus</i>	4	8			17	7	28	1
CHAETODONTIDAE								

<i>Forcipiger flavissimus</i>		4			2	2	3	
<i>Chaetodon kleinii</i>	3				3	2	30	
<i>Chaetodon miliaris</i>							40	
<i>Chaetodon multicinctus</i>	6	6			4			2
<i>Chaetodon quadrimaculatus</i>					1			
<i>Chaetodon ornatissimus</i>	2							
<i>Chaetodon lunula</i>					2			
<i>Heniochus diphreutes</i>							7	
<i>Hemitaurichthys polylepis</i>							15	

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
POMACANTHIDAE								
<i>Centropyge potteri</i>	8	8						
POMACENTRIDAE								
<i>Dascyllus albisella</i>	76	24		5	17	15	132	
<i>Plectroglyphidodon johnstonianus</i>		4			1			
<i>Chromis hanui</i>	8	10						
<i>Chromis ovalis</i>	200	37					42	
<i>Chromis vanderbilti</i>								4
<i>Chromis agilis</i>		6						
<i>Stegastes fasciolatus</i>	3					2	6	
<i>Abudefduf abdominalis</i>							55	
CIRRHITIDAE								
<i>Paracirrhites arcatus</i>		1	3	4		3		3
<i>Paracirrhites forsteri</i>	2						1	
<i>Cirrhitops fasciatus</i>					1	1		
LABRIDAE								
<i>Bodianus bilunulatus</i>					2		2	
<i>Pseudocheilinus octotaenia</i>	2	3			1		8	
<i>Pseudocheilinus tetrataenia</i>		1						
<i>Thalassoma duperrey</i>	9	10		11	4	9	12	7
<i>Thalassoma ballieui</i>		1					1	
<i>Stethojulis balteata</i>	1					1		
<i>Coris gaimard</i>					3			
<i>Coris venusta</i>						1		
<i>Pseudojuloides cerasinus</i>	2	7				2		3
<i>Cheilinus bimaculatus</i>			1	4				10
<i>Macropharyngodon geoffroy</i>	1	2				1		2
SCARIDAE								
<i>Calotomus carolinus</i>						1		
<i>Scarus sordidus</i>	3	9					24	
<i>Scarus psittacus</i>	1	7			16	12	36	
<i>Scarus rubroviolaceus</i>						1		2
BLENNIIDAE								
<i>Exallia brevis</i>		1					1	
ACANTHURIDAE								
<i>Acanthurus nigrofusus</i>	61	60		2	24	24	51	
<i>Acanthurus triostegus</i>							7	1
<i>Acanthurus nigroris</i>	16	14			4	4		
<i>Acanthurus olivaceus</i>	1	5			37	50	39	2

<i>Acanthurus dussumieri</i>						1		
<i>Acanthurus thompsoni</i>	12						12	
<i>Ctenochaetus strigosus</i>	78	104			21	9	279	
<i>Zebrasoma flavescens</i>	3	9						
<i>Naso lituratus</i>	2	2			10	1	6	
<i>Naso hexacanthus</i>	7	1				24	68	
<i>Naso brevirostris</i>					3	20		
<i>Zanclus cornutus</i>		1			3		4	

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 vidua</i>		2		1	1	1	3	
<i>Sufflamen bursa</i>	5	2	1	1	2	1	3	4
<i>Xanthichthys auromarginatus</i>								8
MONACANTHIDAE								
<i>Cantherhines dumerili</i>	1		2	1				1
<i>Pervagor spilosoma</i>	1							
<i>Pervagor melanocephalus</i>		1						
OSTRACIIDAE								
<i>Lactoria fornasini</i>		1						
TETRAODONTIDAE								
<i>Canthigaster jactator</i>	1	4	4	1	3	1	3	2
<i>Canthigaster coronata</i>	1							2
Total No. of Species	34	41	6	11	28	29	38	18
Total No. of Individuals	558	419	13	33	192	199	971	57
Estimated Standing Crop (g/m ²)	124	211	15	31	358	359	893	62

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 of fishes present at each location. All censuses were carried out by the author.