

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, 29 and 30 January 1998

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
<i>Gymnothorax eurostus</i>	1		1					
HOLOCENTRIDAE								
<i>Myripristis amaenus</i>	34	22					7	
<i>Adioryx xantherythrus</i>	9	15						
<i>Adioryx spinifer</i>	1							
AULOSTOMIDAE								
<i>Aulostomus chinensis</i>		2					2	
SERRANIDAE								
<i>Cephalopholis argus</i>	1	1						
APOGONIDAE								
<i>Apogon kallopterus</i>	61	96					31	
LUTJANIDAE								
<i>Lutjanus kasmira</i>							720	
<i>Alphareus furcatus</i>							2	
CARANGIDAE								
<i>Decapterus macarellus</i>			6			75		
<i>Carangoides orthogrammus</i>							2	
LETHRINIDAE								
<i>Monotaxis grandoculis</i>	4				1	1	1	
MULLIDAE								
<i>Parupeneus pleurostigma</i>			3			1		9
<i>Parupeneus multifasciatus</i>	3	6	22	1	36	66	16	11
<i>Mulloidichthys vanicolensis</i>							120	
<i>Mulloidichthys flavolineatus</i>	83							
CHAETODONTIDAE								
<i>Forcipiger flavissimus</i>	1	2				2	5	
<i>Forcipiger longirostris</i>							2	
<i>Chaetodon kleinii</i>		1			4	3	1	
<i>Chaetodon miliaris</i>	1						130	
<i>Chaetodon multicinctus</i>					2		3	
<i>Chaetodon quadrimaculatus</i>	4					2	1	
<i>Chaetodon auriga</i>	1					2		
<i>Heniochus diphreutes</i>							66	

POMACANTHIDAE								
<i>Centropyge potteri</i>	3	4						
POMACENTRIDAE								
<i>Dascyllus albisella</i>	25	85	12		5	54	300	
<i>Plectroglyphidodon johnstonianus</i>	2	3			1	4		
<i>Chromis hanui</i>	3							

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
<i>Chromis ovalis</i>		175					41	
<i>Chromis vanderbilti</i>			4					9
<i>Chromis agilis</i>	2							
<i>Chromis verator</i>	4	4					12	
<i>Stegastes fasciolatus</i>		2					18	
<i>Abudefduf abdominalis</i>							150	
CIRRHITIDAE								
<i>Paracirrhites arcatus</i>	2	3	6	3	2			8
<i>Paracirrhites forsteri</i>		1						
<i>Cirrhitops fasciatus</i>		1			1	1	1	
LABRIDAE								
<i>Bodianus bilunulatus</i>					1			
<i>Pseudocheilinus octotaenia</i>	1	4				1	12	
<i>Thalassoma duperrey</i>	6	1	6		14	11	16	17
<i>Thalassoma ballieui</i>							1	
<i>Gomphosus varius</i>		1			1		1	
<i>Stethojulis balteata</i>					2	1		1
<i>Coris gaimard</i>					1		1	
<i>Coris venusta</i>						1		
<i>Coris flavovittata</i>							1	
<i>Pseudojuloides cerasinus</i>		1		1	14	5		6
<i>Labroides phthiophagus</i>	1							
<i>Cheilinus bimaculatus</i>			1	1				
<i>Macropharyngodon geoffroy</i>	1						1	1
<i>Halichoeres ornatissimus</i>						1		
SCARIDAE								
<i>Calotomus carolinus</i>					1		1	
<i>Scarus sordidus</i>	12	7					5	
<i>Scarus psittacus</i>	15				30	13	2	32
<i>Scarus rubroviolaceus</i>						2		
<i>Scarus perspicillatus</i>							1	
BLENNIIDAE								
<i>Exallia brevis</i>	1	2						

<i>Plagiotremus ewaensis</i>			1					
ACANTHURIDAE								
<i>Acanthurus nigrofuscus</i>	74	42	1		39	45	56	4
<i>Acanthurus triostegus</i>	2	1					55	
<i>Acanthurus nigroris</i>					4	9	9	
<i>Acanthurus olivaceus</i>		26	8	4	52	115	51	14
<i>Acanthurus dussumieri</i>							3	
<i>Acanthurus blochii</i>					1	1	4	
<i>Acanthurus thompsoni</i>							21	
<i>Ctenochaetus strigosus</i>	79	92				40	215	
<i>Zebrasoma flavescens</i>	4	1					9	
<i>Naso lituratus</i>		1			1	5	13	
<i>Naso hexacanthus</i>		2	7				15	
<i>Naso brevirostris</i>					3			

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
<i>Naso unicornis</i>			1			2		
<i>Zanclus cornutus</i>	1	2			1	2		1
BOTHIDAE								
<i>Bothus pantherinus</i>							1	
BALISTIDAE								
<i>Melichthys niger</i>	17							
<i>Melichthys vidua</i>	2	1	1		1	1	1	
<i>Sufflamen bursa</i>	2		2	1	3	3	8	3
<i>Sufflamen fraenatus</i>			2	2	1		1	2
MONACANTHIDAE								
<i>Cantherhines sandwichiensis</i>		1						
TETRAODONTIDAE								
<i>Canthigaster jactator</i>			1		2	4	1	2
<i>Canthigaster coronata</i>			2					2
DIODONTIDAE								
<i>Diodon hystrix</i>							1	
Total No. of Species	35	33	19	7	27	30	50	17
Total No. of Individuals	463	608	87	13	224	473	2,137	123
Estimated Standing Crop (g/m ²)	325	141	44	9	231	499	1,263	115

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.