

APPENDIX. Results of the Quantitative Visual Fish Censuses Conducted at Five Locations in Kailua Bay, O'ahu, Hawai'i, in 1998

Family and Species	Transect				
	T-1	T-2	T-3	T-4	T-5
HOLOCENTRIDAE					
<i>Adioryx xantherythrus</i>	17				
<i>Myripristis amaenus</i>	74				
<i>Flammeo sammara</i>	5				
AULOSTOMIDAE					
<i>Aulostomus chinensis</i>		1			
SERRANIDAE					
<i>Cephalopholis argus</i>	1		1		1
LUTJANIDAE					
<i>Lutjanus kasmira</i>	300		26		
MULLIDAE					
<i>Mulloidichthys flavolineatus</i>			4		
<i>Parupeneus multifasciatus</i>	10	4	1	1	2
CHAETODONTIDAE					
<i>Forcipiger flavissimus</i>	2			1	4
<i>Chaetodon fremblii</i>	1			1	
<i>Chaetodon kleinii</i>	19				
<i>Chaetodon unimaculatus</i>			4	2	2
<i>Chaetodon ornatissimus</i>	2		4	2	2
<i>Chaetodon quadrimaculatus</i>					1
<i>Chaetodon multicinctus</i>	2	6	4		2
<i>Chaetodon miliaris</i>	550				
POMACANTHIDAE					
<i>Holacanthus arcuatus</i>		1			
<i>Centropyge potteri</i>	7	5	2	3	
POMACENTRIDAE					
<i>Dascyllus albisella</i>	32				
<i>Abudefduf abdominalis</i>	58				
<i>Plectroglyphidodon johnstonianus</i>		1	7	5	1
<i>Plectroglyphidodon imparipennis</i>					4
<i>Chromis vanderbilti</i>		7			3
<i>Chromis ovalis</i>	100				
<i>Chromis verator</i>	45		7		
<i>Chromis hanui</i>		42	21	9	
<i>Chromis agilis</i>		20			
<i>Stegastes fasciolatus</i>			1		1

CIRRHITIDAE					
<i>Paracirrhites arcatus</i>				1	1
<i>Paracirrhites forsteri</i>		1			
<i>Cirrhitops fasciatus</i>		1			
LABRIDAE					
<i>Cheilio inermis</i>			1	1	1
<i>Labroides phthirophagus</i>	2				
<i>Bodianus bilunulatus</i>		1	2		1
<i>Pseudocheilinus octotaenia</i>		4			
<i>Novaculichthys taeniourus</i>					1
<i>Thalassoma duperrey</i>	9	8	7	2	32

APPENDIX—Continued

FAMILY and Species	Transect				
	T-1	T-2	T-3	T-4	T-5

<i>Thalassoma ballieui</i>	3			1	1
<i>Gomphosus varius</i>	2				
<i>Coris gaimard</i>		1			1
<i>Coris ballieui</i>		6			
<i>Pseudojuloides cerasinus</i>		2			
<i>Stethojulis balteata</i>				1	1
<i>Macropharyngodon geoffroy</i>			1		
<i>Anampses chrysocephalus</i>		5			
<i>Halichoeres ornatissimus</i>	1	1			
SCARIDAE					
<i>Calotomus carolinus</i>					1
<i>Scarus sordidus</i>	3		11	3	1
<i>Scarus psittacus</i>		42			8
BLENNIIDAE					
<i>Exallia brevis</i>			1		
ACANTHURIDAE					
<i>Acanthurus triostegus</i>					4
<i>Acanthurus leucopareius</i>					1
<i>Acanthurus nigrofuscus</i>		9	34	12	34
<i>Acanthurus nigroris</i>	9	6	1		
<i>Acanthurus thompsoni</i>	15			29	
<i>Acanthurus olivaceus</i>		2			29
<i>Acanthurus dussumieri</i>	1				3
<i>Acanthurus glaucopareius</i>			5	11	
<i>Ctenochaetus strigosus</i>	98		51	99	
<i>Zebrasoma flavescens</i>	1	1	6	17	
<i>Naso lituratus</i>	1		1	2	
<i>Naso unicornis</i>					1
<i>Naso hexacanthus</i>	100				
<i>Zanclus cornutus</i>	4				2

BALISTIDAE					
<i>Rhinecanthus rectangulus</i>					3
<i>Melichthys niger</i>			3	1	
<i>Melichthys vidua</i>		1	1		
<i>Sufflamen bursa</i>	2	4	2	1	
MONACANTHIDAE					
<i>Cantherhines sandwichiensis</i>				1	
OSTRACIIDAE					
<i>Ostracion meleagris</i>	1	1			
TETRAODONTIDAE					
<i>Canthigaster jactator</i>	4	1	3		1
<i>Canthigaster rivulata</i>					1

Total No. of Species	34	28	28	23	32
Total No. of Individuals	1,481	184	212	206	151
Estimated Standing Crop (g/m ²)	1,124	62	140	127	138

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.