

TABLE 4. Fish Abundance (no./transect) at Station WW, Waianae Ocean Outfall, O‘ahu, Hawai‘i, for 1994 and 1995

		1994			1995	
Taxon		Transect			Transect	
		Alpha	Beta		Alpha	Beta
FAMILY ACANTHURIDAE						
<i>Acanthurus olivaceus</i>		3	16		0	8
<i>Acanthurus blochii</i>		0	121		0	3
<i>Acanthurus nigroris</i>		0	10		0	3
<i>Acanthurus triostegus</i>		0	0		0	3
<i>Ctenochaetus strigosus</i>		0	33		0	35
<i>Zanclus cornutus</i>		0	0		0	3
<i>Zebrasoma flavescens</i>		0	0		0	5
FAMILY BALISTIDAE						
<i>Sufflamen bursa</i>		5	0		5	0
<i>Melichthys vidua</i>		2	0		0	0
<i>Rhinecanthus rectangulus</i>		1	0		0	1
FAMILY CHAETODONTIDAE						
<i>Chaetodon miliaris</i>		0	5		0	8
<i>Chaetodon multicinctus</i>		0	0		0	6
<i>Chaetodon fremblii</i>		0	0		0	2
<i>Forcipiger longirostris</i>		0	2		0	2
FAMILY CIRRHITIDAE						
<i>Paracirrhites forsteri</i>		0	2		0	1
FAMILY LABRIDAE						
<i>Thalassoma duperrey</i>		3	35		6	8
<i>Bodianus bilunulatus</i>		2	1		0	2
<i>Coris gaimard</i>		0	0		0	1
<i>Anampses chrysocephalus</i>		0	0		0	2
FAMILY LETHRINIDAE						
<i>Monotaxis grandoculis</i>		0	2		0	0
FAMILY LUTJANIDAE						
<i>Lutjanus kasmira</i>		0	200		0	60
FAMILY MONACANTHIDAE						
<i>Pervagor spilosoma</i>		0	0		1	0
FAMILY MULLIDAE						
<i>Parupeneus multifasciatus</i>		2	6		10	6
<i>Parupeneus porphyreus</i>		0	2		0	8
<i>Mulloidichthys flavolineatus</i>		0	5		0	1
<i>Mulloidichthys vanicolensis</i>		0	0		0	6
FAMILY HOLOCENTRIDAE						
<i>Myripristis berndti</i>		0	12		0	9
<i>Sargocentron</i> sp.		0	0		0	12

TABLE 4—Continued

		1994			1995	
Taxon		Transect			Transect	
		Alpha	Beta		Alpha	Beta
FAMILY POMACENTRIDAE						
<i>Dascyllus albisella</i>		0	45		5	19
<i>Chromis agilis</i>		0	10		2	2
<i>Chromis hanui</i>		0	12		0	6
<i>Chromis verator</i>		0	2		0	2
<i>Chromis vanderbilti</i>		0	0		0	5
<i>Abudefduf sordidus</i>		0	2		0	1
<i>Abudefduf abdominalis</i>		0	0		0	65
FAMILY TETRAODONTIDAE						
<i>Arothron hispidus</i>		2	0		1	0
FAMILY SERRANIDAE						
<i>Epinephelus quernus</i>		0	0		0	1
FAMILY FISTULARIIDAE						
<i>Fistularia commersonii</i>		0	0		0	1
Total No. of Individuals		20	523		30	297
Total No. of Species		8	20		7	33