

TABLE 4. Fish Abundance (no./transect) at Station WW, Waianae Ocean Outfall, O‘ahu, Hawai‘i, for 1990, 1991, and 1994

		Transect				
Taxon		Alpha			Alpha	Beta
		1990	1991		1994	1994
FAMILY ACANTHURIDAE						
<i>Acanthurus olivaceus</i>		0	0		3	16
<i>Acanthurus nigroris</i>		1	1		0	10
<i>Acanthurus triostegus</i>		0	0		0	121
<i>Ctenochaetus strigosus</i>		0	0		0	33
FAMILY BALISTIDAE						
<i>Sufflamen bursa</i>		0	1		5	0
<i>Melichthys vidua</i>		0	0		2	0
<i>Rhinecanthus rectangulus</i>		0	0		1	0
FAMILY CHAETODONTIDAE						
<i>Chaetodon miliaris</i>		0	0		0	5
<i>Forcipiger longirostris</i>		0	0		0	2
FAMILY CIRRHITIDAE						
<i>Paracirrhitis forsteri</i>		0	0		0	2
FAMILY LABRIDAE						
<i>Thalassoma duperrey</i>		0	1		3	35
<i>Bodianus bilunulatus</i>		0	0		2	1
FAMILY LETHRINIDAE						
<i>Monotaxis grandoculis</i>		0	0		0	2
FAMILY LUTJANIDAE						
<i>Lutjanus kasmira</i>		0	0		0	200
FAMILY MONACANTHIDAE						
<i>Pervagor spilosoma</i>		3	1		0	0
FAMILY MULLIDAE						
<i>Parupeneus multifasciatus</i>		0	0		2	6
<i>Parupeneus porphyreus</i>		0	0		0	2
<i>Mulloidichthys flavolineatus</i>		0	0		0	5
FAMILY HOLOCENTRIDAE						
<i>Myripristis berndti</i>		0	0		0	12
FAMILY POMACENTRIDAE						
<i>Dascyllus albisella</i>		1	0		0	45
<i>Chromis agilis</i>		1	2		0	10
<i>Chromis hanui</i>		0	0		0	12
<i>Chromis verator</i>		0	0		0	2
<i>Abudefduf sordidus</i>		0	0		0	2
FAMILY TETRADONTIDAE						
<i>Arothron hispidus</i>		0	0		2	0

Total No. of Individuals		6	6		20	523
Total No. of Species		4	5		8	20