

TABLE 3. Fish Abundance (no./transect) at Station W-3, Waianae Ocean Outfall, O'ahu, Hawai'i, for 1992 Through 1998

Taxon	1992	1993	1994	1995	1996	1997	1998
FAMILY ACANTHURIDAE							
<i>Acanthurus nigrofuscus</i>	10	2	0	2	1	0	0
<i>Acanthurus</i> sp.	5	2	1	1	0	0	0
<i>Acanthurus olivaceus</i>	4	5	7	9	3	5	37
<i>Acanthurus nigroris</i>	0	0	5	0	0	12	5
<i>Ctenochaetus strigosus</i>	0	0	0	0	0	0	4
<i>Naso lituratus</i>	0	0	0	4	1	1	3
<i>Naso hexacanthus</i>	0	0	0	0	0	0	5
<i>Zanclus cornutus</i>	0	0	0	2	0	2	2
<i>Zebrasoma flavescens</i>	0	0	0	0	0	0	9
FAMILY BALISTIDAE							
<i>Sufflamen bursa</i>	3	4	2	3	3	2	3
<i>Rhinecanthus rectangulus</i>	1	1	0	0	0	0	0
<i>Melichthys vidua</i>	0	8	2	1	2	2	4
<i>Melichthys niger</i>	0	2	1	0	0	0	2
FAMILY CHAETODONTIDAE							
<i>Heniochus diphreutes</i>	0	2	0	4	3	4	3
<i>Forcipiger flavissimus</i>	0	1	1	0	0	0	0
<i>Chaetodon miliaris</i>	0	0	7	0	15	5	2
<i>Chaetodon kleinii</i>	0	0	3	10	6	35	43
<i>Chaetodon multicinctus</i>	0	0	0	3	0	2	0
<i>Chaetodon lunula</i>	0	0	0	1	0	0	0
<i>Chaetodon auriga</i>	0	0	0	0	0	0	1
FAMILY MULLIDAE							
<i>Parupeneus multifasciatus</i>	2	5	14	2	2	5	6
FAMILY MONACANTHIDAE							
<i>Pervagor spilosoma</i>	3	0	0	0	0	0	0
FAMILY LABRIDAE							
<i>Bodianus bilunulatus</i>	0	2	2	0	0	1	4
<i>Coris gaimard</i>	0	0	1	1	1	1	1
<i>Thalassoma duperrey</i>	0	0	2	2	1	21	17
FAMILY POMACENTRIDAE							
<i>Chromis hanui</i>	0	0	5	6	1	2	5
<i>Chromis vanderbilti</i>	0	0	0	1	0	0	0
FAMILY TETRAODONTIDAE							
<i>Arothron hispidus</i>	0	0	0	0	0	0	1
Total No. of Individuals	28	34	53	52	39	100	157
Total No. of Species	7	11	14	16	12	15	20

