

**Biological sampling & results: plankton tows**

**REGION SUMMARY BY GEAR**

Plankton Gear	FOCUS A		FOCUS B		<b>Total</b>
	USVI	Cuba	Mexico	Jamaica	
MOCNESS	37	168	16	8	<b>229</b>
S10	58	68	0	18	<b>144</b>
S50	0	123	26	n/a	<b>149</b>
NEUSTON	26	n/a	n/a	n/a	<b>26</b>
Bongo-20		48	11	n/a	<b>59</b>
<b>TOTAL</b>	<b>121</b>	<b>407</b>	<b>53</b>	<b>26</b>	<b>607</b>

Table 1. Summary of biological samples (plankton tows) collected during Focus A and B of NF1502 using multiple plankton gears.

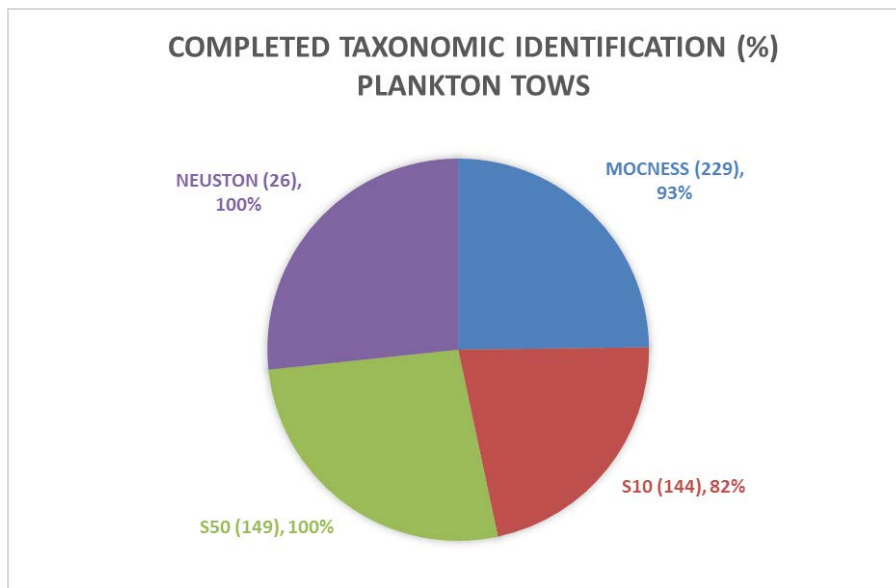


Figure 1. Summary of the percentage (%) of completed taxonomic identifications. In parenthesis () are the number of plankton samples processed by each of the four gears utilized (MOCNESS, Neuston, S50 and S10) during the NF1502 survey Focus A and B combined.

Biological sampling results: Larval abundances

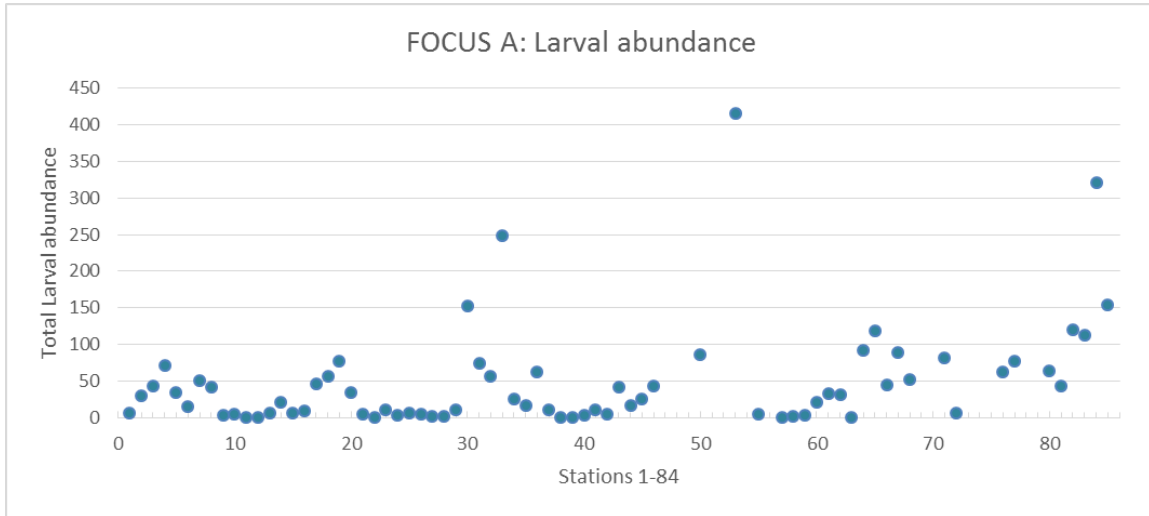


Figure 2: Larval abundances for FOCUS A of the NF1502 Survey shown for stations 1-84

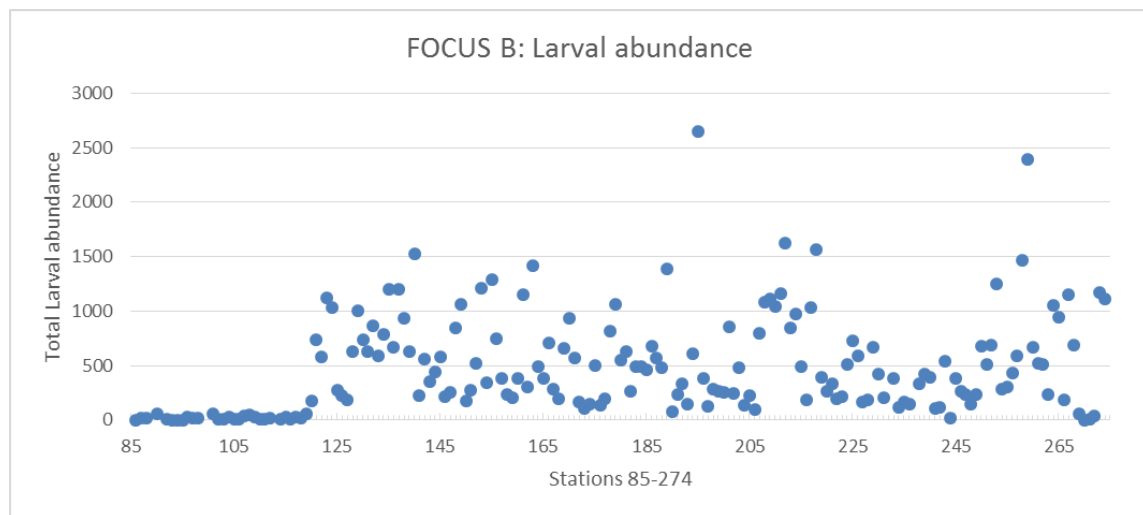


Figure 3: Larval abundances for FOCUS B of the NF1502 Survey shown for stations 85-274

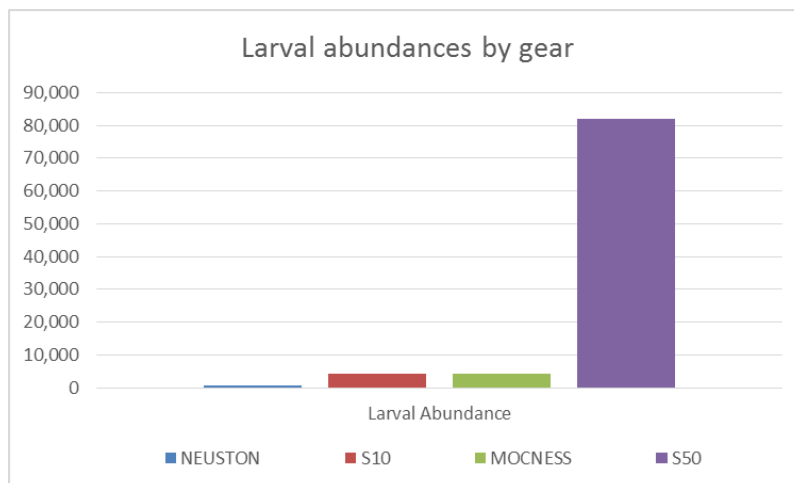


Figure 4: Larval abundances for FOCUS A and B of the NF1502 Survey by plankton gear utilized.

Biological sampling results: Taxonomic Identifications

<b>Region</b>	<b>Family</b>	<b>Genus</b>	<b>Species</b>	<b>n</b>
USVI	Istiophoridae			45
USVI	Lutjanidae	<i>Lutjanus</i>	<i>spp</i>	41
USVI	Lutjanidae			49
USVI	Lutjanidae	<i>Pristipomoides</i>	<i>spp</i>	1
USVI	Scaridae	<i>Cryptotomus</i>	<i>roseus</i>	128
USVI	Scaridae			151
USVI	Scaridae	<i>Scarus</i>	<i>spp</i>	460
USVI	Scaridae	<i>Sparisoma</i>	<i>spp</i>	1,667
USVI	Scombridae	<i>Thunnus</i>	<i>spp</i>	476
USVI	Scorpaenidae	<i>Pterois</i>	<i>spp</i>	19
USVI	Serranidae	<i>Anthiinae</i>		17
USVI	Serranidae	<i>Epinephelinae</i>		1
USVI	Serranidae	<i>Grammastinae</i>		50
USVI	Serranidae	<i>Liopropominae</i>		46
USVI	Serranidae	<i>Serraninae</i>		271
USVI	Serranidae			5
USVI	Xiphiidae	<i>Xiphias</i>	<i>gladius</i>	2
				3,433

Table 2. Preliminary taxonomic identifications completed for FOCUS A of the NF1502 survey as of date of completion for this report.

Family	n	Family	n	Family	n
Acanthuridae	1,088	Diretmidae	1	Neoscopelidae	1
Achiridae	1	Echeneidae	27	Nettastomatidae	12
Acropomatidae	42	Elopidae	27	Nomeidae	80
Albulidae	7	Elopiformes	1	Notosudidae	146
Alepisauroidi	1	Engraulidae	183	Ophichthidae	234
Anguillidae	5	Epigonidae	3	Ophidiidae	88
Anguilliformes	73	Evermannellidae	123	Ophidiiformes	2
Anomalopidae	1	Exocoetidae	79	Opisthognathidae	17
Apogonidae	527	Fistulariidae	41	Ostraciidae	4
Argentinidae	1	Gempylidae	1,010	Paralepididae	468
Argentinoidei	1	Gerreidae	338	Paralichthyidae	112
Astronesthidae	17	Gibberichthyidae	2	Percoidei	246
Atherinidae	1	Giganturidae	4	Phosichthyidae	1,498
Atherinopsidae	9	Gobiesocidae	9	Pleuronctiformes	1
Aulopiformes	1	Gobiidae	5,711	Pomacanthidae	121
Aulostomidae	4	Gonostomatidae	4,636	Pomacentridae	865
Balistidae	617	Gonostomatoidei	2	Priacanthidae	273
Barbourisidae	1	Haemulidae	183	Rachycentridae	3
Belonidae	10	Hemiramphidae	69	Radiicephalidae	1
Blenniidae	54	Holocentridae	1,669	Scaridae	17,220
Blennioidei	15	Howellidae	49	Scombroidae	4,447
Bothidae	3,768	Ipnopidae	9	Scombroidei	9
Bramidae	145	Istiophoridae	286	Scambrolabracidae	61
Bregmacerotidae	151	Kyphosidae	36	Scopelarchidae	2
Bythitidae	3	Labridae	10,386	Scorpaenidae	272
Callionymidae	268	Labroidei	6	Scorpaeniformes	15
Caproidae	212	Lampridae	3	Serranidae	1,626
Carangidae	2,435	Lampridiformes	5	Sparidae	75
Carapidae	8	Lobotidae	7	Sphyraenidae	1,627
Ceratioidei	136	Lutjanidae	1,746	Sternoptychidae	2
Cetomimidae	1	Malacanthidae	22	Stomiidae	2
Chaetodontidae	116	Megalopidae	90	Stomiiformes	33
Chauliodontidae	2	Melamphidae	4	Stomioidei	7
Chiasmodontidae	7	Melanostomiidae	54	Stromateidae	5
Chlopsidae	6	Microdesmidae	181	Syngnathidae	94
Chlorophthalmidae	3,633	Microstometidae	1	Syngnathiformes	1
Cirrhitidae	9	Monacanthidae	542	Synodontidae	572
Clupeidae	618	Moringuidae	15	Tetraodontidae	129
Clupeiformes	399	Mugilidae	38	Tetraodontiformes	37
Congridae	232	Mullidae	337	Trachipteridae	5
Coryphaenidae	407	Muraenidae	46	Trichiuridae	7
Cynoglossidae	25	Myctophidae	14,133	Triglidae	7
Dactylopteridae	10	Myctophiformes	19	Uranoscopidae	8
Diodontidae	23	Nemichthyidae	2	Xiphiidae	23

Table 3. Taxonomic identifications completed for FOCUS B of the NF1502 survey as of date of completion for this report.