

MASTER APPENDIX B**TABLE 1. 4: FISH SPECIMEN SAMPLES****USGS 2004-2005 LOPHELIA INVESTIGATION RAW DATA ARCHIVE****KEY: SL = STANDARD LENGTH, FL = FORK LENGTH, TL = TOTAL LENGTH, H = HEAD LENGTH, X = SAMPLE TAKEN**

Cruise	Station	Taxon	Specimen #	SL mm	FL mm	TL mm	HL mm	Gear & Comments	Weight g	Isotope	Stomach	Preserved	Discarded
USGS-GM-2005-03	19	ABLENNES HIANS	051	300				DIPNET		X			
USGS-GM-2005-03	07	ALECTIS CILIARIS	031		460			CUTBAIT	1800	X	X		X
USGS-GM-2005-03	30	ALUTERUS SCRIPTUS	094	75				DIPNET		X			
USGS-GM-2005-03	30	ALUTERUS SCRIPTUS	095	142				DIPNET		X			
USGS-GM-2005-03	72	ANTHIIDAE SP.	254	30				KEPT, CAUGHT IN TANGLES					
USGS-GM-2004-03	9004	ANTHIIDAE SP. 1	X009	139				BOTTOM TRAWL					
USGS-GM-2004-03	9004	ANTHIIDAE SP. 1	X010	169				BOTTOM TRAWL					
USGS-GM-2004-03	9004	ANTHIIDAE SP. 1	X011	179				BOTTOM TRAWL					
USGS-GM-2004-03	9004	ANTHIIDAE SP. 1	X012	121				BOTTOM TRAWL					
USGS-GM-2005-03	58	AULOSTOMUS MACULATUS	226		111				1400				X
USGS-GM-2005-03	16	BALISTES CAPRISCUS	047	52				DIPNET		X			
USGS-GM-2005-03	49	BALISTES CAPRISCUS	221	400					2300	X	X		
USGS-GM-2005-03	68	BALISTES CAPRISCUS	253	330					1750	X			
USGS-GM-2004-03	JSL-4745	BASSOGIGAS?	X007			58		BUCKET #11 - PHOTO, ISOTOPE					
USGS-GM-2004-03	9007	BATHYGADUS MELANOBRANCHUS	X228				46						
USGS-GM-2004-03	9007	BATHYGADUS MELANOBRANCHUS	X229				50						
USGS-GM-2004-03	9007	BATHYGADUS MELANOBRANCHUS	X230				32						
USGS-GM-2004-03	9004	BEMBROPS ANATIROSTRIS	X100	211				BOTTOM TRAWL					
USGS-GM-2004-03	9004	BEMBROPS ANATIROSTRIS	X101	254				BOTTOM TRAWL					
USGS-GM-2004-03	9004	BEMBROPS ANATIROSTRIS	X102	209				BOTTOM TRAWL					
USGS-GM-2004-03	9004	BEMBROPS ANATIROSTRIS	X103	208				BOTTOM TRAWL					
USGS-GM-2004-03	9004	BEMBROPS ANATIROSTRIS	X104	242				BOTTOM TRAWL					
USGS-GM-2004-03	9004	BEMBROPS ANATIROSTRIS	X105	181				BOTTOM TRAWL					
USGS-GM-2004-03	9004	BEMBROPS ANATIROSTRIS	X106	243				BOTTOM TRAWL					
USGS-GM-2004-03	9004	BEMBROPS ANATIROSTRIS	X107	170				BOTTOM TRAWL					
USGS-GM-2004-03	9004	BEMBROPS ANATIROSTRIS	X108	230				BOTTOM TRAWL					
USGS-GM-2004-03	9004	BEMBROPS ANATIROSTRIS	X109	212				BOTTOM TRAWL					
USGS-GM-2004-03	9004	BEMBROPS ANATIROSTRIS	X110	242				BOTTOM TRAWL					
USGS-GM-2004-03	9004	BEMBROPS ANATIROSTRIS	X111	203				BOTTOM TRAWL					
USGS-GM-2004-03	9004	BEMBROPS ANATIROSTRIS	X112	144				BOTTOM TRAWL					
USGS-GM-2004-03	9004	BEMBROPS ANATIROSTRIS	X113	91				BOTTOM TRAWL					
USGS-GM-2004-03	9004	BEMBROPS ANATIROSTRIS	X114	232				BOTTOM TRAWL					
USGS-GM-2004-03	9004	BEMBROPS ANATIROSTRIS	X115	173				BOTTOM TRAWL					

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Cruise	Station	Taxon	Specimen #	SL mm	FL mm	TL mm	HL mm	Gear & Comments	Weight g	Isotope	Stomach	Preserved	Discarded
USGS-GM-2004-03	9004	BEMBROPS ANATIROSTRIS	X116	190				BOTTOM TRAWL					
USGS-GM-2004-03	9004	BEMBROPS ANATIROSTRIS	X117	279				BOTTOM TRAWL					
USGS-GM-2004-03	9004	BEMBROPS ANATIROSTRIS	X118	238				BOTTOM TRAWL					
USGS-GM-2004-03	9004	BEMBROPS ANATIROSTRIS	X119	232				BOTTOM TRAWL					
USGS-GM-2004-03	9004	BEMBROPS ANATIROSTRIS	X120	240				BOTTOM TRAWL					
USGS-GM-2004-03	9004	BEMBROPS ANATIROSTRIS	X121	226				BOTTOM TRAWL					
USGS-GM-2004-03	9007	BEMBROPS ANATIROSTRIS	X152	210				16' BOTTOM TRAWL					
USGS-GM-2004-03	9007	BEMBROPS ANATIROSTRIS	X153	193				16' BOTTOM TRAWL					
USGS-GM-2004-03	9007	BEMBROPS ANATIROSTRIS	X154	186				16' BOTTOM TRAWL					
USGS-GM-2004-03	9007	BEMBROPS ANATIROSTRIS	X155	220				16' BOTTOM TRAWL					
USGS-GM-2004-03	9007	BEMBROPS ANATIROSTRIS	X156	192				16' BOTTOM TRAWL					
USGS-GM-2004-03	9007	BEMBROPS ANATIROSTRIS	X157	119				16' BOTTOM TRAWL					
USGS-GM-2004-03	9018	BEMBROPS ANATIROSTRIS	X294	243				PHOTO/12' OTTER TRAWL					
USGS-GM-2004-03	9018	BEMBROPS ANATIROSTRIS	X295	218				12' OTTER TRAWL					
USGS-GM-2004-03	9018	BEMBROPS ANATIROSTRIS	X296	260				12' OTTER TRAWL					
USGS-GM-2004-03	9018	BEMBROPS ANATIROSTRIS	X297	222				12' OTTER TRAWL					
USGS-GM-2004-03	9018	BEMBROPS ANATIROSTRIS	X298	206				12' OTTER TRAWL					
USGS-GM-2004-03	9017	BEMBROPS GOBIOIDES	X255	118				12' OTTER TRAWL					
USGS-GM-2004-03	9017	BEMBROPS GOBIOIDES	X256	220				12' OTTER TRAWL					
USGS-GM-2004-03	9017	BEMBROPS GOBIOIDES	X257	158				12' OTTER TRAWL					
USGS-GM-2004-03	9017	BEMBROPS GOBIOIDES	X258	192				12' OTTER TRAWL					
USGS-GM-2004-03	9017	BEMBROPS GOBIOIDES	X259	126				12' OTTER TRAWL					
USGS-GM-2004-03	9018	BEMBROPS GOBIOIDES	X324	128				12' OTTER TRAWL					
USGS-GM-2004-03	9004	CAELORINCHUS CARIBBAEUS	X033				58	BOTTOM TRAWL					
USGS-GM-2004-03	9004	CAELORINCHUS CARIBBAEUS	X034				59	BOTTOM TRAWL					
USGS-GM-2004-03	9004	CAELORINCHUS CARIBBAEUS	X035				65	BOTTOM TRAWL					
USGS-GM-2004-03	9004	CAELORINCHUS CARIBBAEUS	X036				60	BOTTOM TRAWL					
USGS-GM-2004-03	9004	CAELORINCHUS CARIBBAEUS	X037				60	BOTTOM TRAWL					
USGS-GM-2004-03	9004	CAELORINCHUS CARIBBAEUS	X038				57	BOTTOM TRAWL					
USGS-GM-2004-03	9004	CAELORINCHUS CARIBBAEUS	X039				69	BOTTOM TRAWL					

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Cruise	Station	Taxon	Specimen #	SL mm	FL mm	TL mm	HL mm	Gear & Comments	Weight g	Isotope	Stomach	Preserved	Discarded
USGS-GM-2004-03	9004	CAELORINCHUS CARIBBAEUS	X040				59	BOTTOM TRAWL					
USGS-GM-2004-03	9004	CAELORINCHUS CARIBBAEUS	X041				62	BOTTOM TRAWL					
USGS-GM-2004-03	9004	CAELORINCHUS CARIBBAEUS	X042				62	BOTTOM TRAWL					
USGS-GM-2004-03	9004	CAELORINCHUS CARIBBAEUS	X043				54	BOTTOM TRAWL					
USGS-GM-2004-03	9004	CAELORINCHUS CARIBBAEUS	X044				55	BOTTOM TRAWL					
USGS-GM-2004-03	9004	CAELORINCHUS CARIBBAEUS	X045				43	BOTTOM TRAWL					
USGS-GM-2004-03	9004	CAELORINCHUS CARIBBAEUS	X046				59	BOTTOM TRAWL					
USGS-GM-2004-03	9004	CAELORINCHUS CARIBBAEUS	X047				53	BOTTOM TRAWL					
USGS-GM-2004-03	9004	CAELORINCHUS CARIBBAEUS	X048				54	BOTTOM TRAWL					
USGS-GM-2004-03	9004	CAELORINCHUS CARIBBAEUS	X049				58	BOTTOM TRAWL					
USGS-GM-2004-03	9004	CAELORINCHUS CARIBBAEUS	X050				56	BOTTOM TRAWL					
USGS-GM-2004-03	9004	CAELORINCHUS CARIBBAEUS	X051				63	BOTTOM TRAWL					
USGS-GM-2004-03	9004	CAELORINCHUS CARIBBAEUS	X052				57	BOTTOM TRAWL					
USGS-GM-2004-03	9004	CAELORINCHUS CARIBBAEUS	X053				56	BOTTOM TRAWL					
USGS-GM-2004-03	9004	CAELORINCHUS CARIBBAEUS	X054				48	BOTTOM TRAWL					
USGS-GM-2004-03	9004	CAELORINCHUS CARIBBAEUS	X055				57	BOTTOM TRAWL					
USGS-GM-2004-03	9004	CAELORINCHUS CARIBBAEUS	X056				34	BOTTOM TRAWL					
USGS-GM-2004-03	9004	CAELORINCHUS CARIBBAEUS	X057				54	BOTTOM TRAWL					
USGS-GM-2004-03	9004	CAELORINCHUS CARIBBAEUS	X058				55	BOTTOM TRAWL					

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Cruise	Station	Taxon	Specimen #	SL mm	FL mm	TL mm	HL mm	Gear & Comments	Weight g	Isotope	Stomach	Preserved	Discarded
USGS-GM-2004-03	9004	CAELORINCHUS CARIBBAEUS	X059				55	BOTTOM TRAWL					
USGS-GM-2004-03	9004	CAELORINCHUS CARIBBAEUS	X060				55	BOTTOM TRAWL					
USGS-GM-2004-03	9004	CAELORINCHUS CARIBBAEUS	X061				66	BOTTOM TRAWL					
USGS-GM-2004-03	9004	CAELORINCHUS CARIBBAEUS	X062				41	BOTTOM TRAWL					
USGS-GM-2004-03	9004	CAELORINCHUS CARIBBAEUS	X063				56	BOTTOM TRAWL					
USGS-GM-2004-03	9004	CAELORINCHUS CARIBBAEUS	X064				60	BOTTOM TRAWL					
USGS-GM-2004-03	9004	CAELORINCHUS CARIBBAEUS	X065				53	BOTTOM TRAWL					
USGS-GM-2004-03	9004	CAELORINCHUS CARIBBAEUS	X066				60	BOTTOM TRAWL					
USGS-GM-2004-03	9004	CAELORINCHUS CARIBBAEUS	X067				41	BOTTOM TRAWL					
USGS-GM-2004-03	9004	CAELORINCHUS CARIBBAEUS	X068				47	BOTTOM TRAWL					
USGS-GM-2004-03	9004	CAELORINCHUS CARIBBAEUS	X069				47	BOTTOM TRAWL					
USGS-GM-2004-03	9004	CAELORINCHUS CARIBBAEUS	X070				52	BOTTOM TRAWL					
USGS-GM-2004-03	9004	CAELORINCHUS CARIBBAEUS	X071				57	BOTTOM TRAWL					
USGS-GM-2004-03	9004	CAELORINCHUS CARIBBAEUS	X072				50	BOTTOM TRAWL					
USGS-GM-2004-03	9004	CAELORINCHUS CARIBBAEUS	X073				44	BOTTOM TRAWL					
USGS-GM-2004-03	9004	CAELORINCHUS CARIBBAEUS	X074				44	BOTTOM TRAWL					
USGS-GM-2004-03	9004	CAELORINCHUS CARIBBAEUS	X075				51	BOTTOM TRAWL					
USGS-GM-2004-03	9004	CAELORINCHUS CARIBBAEUS	X076				57	BOTTOM TRAWL					
USGS-GM-2004-03	9004	CAELORINCHUS CARIBBAEUS	X077				57	BOTTOM TRAWL					

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Cruise	Station	Taxon	Specimen #	SL mm	FL mm	TL mm	HL mm	Gear & Comments	Weight g	Isotope	Stomach	Preserved	Discarded
USGS-GM-2004-03	9004	CAELORINCHUS CARIBBAEUS	X078				53	BOTTOM TRAWL					
USGS-GM-2004-03	9004	CAELORINCHUS CARIBBAEUS	X079				45	BOTTOM TRAWL					
USGS-GM-2004-03	9004	CAELORINCHUS CARIBBAEUS	X080				58	BOTTOM TRAWL					
USGS-GM-2004-03	9004	CAELORINCHUS CARIBBAEUS	X081				58	BOTTOM TRAWL					
USGS-GM-2004-03	9004	CAELORINCHUS CARIBBAEUS	X082				47	BOTTOM TRAWL					
USGS-GM-2004-03	9004	CAELORINCHUS CARIBBAEUS	X083				50	BOTTOM TRAWL					
USGS-GM-2004-03	9004	CAELORINCHUS CARIBBAEUS	X084				59	BOTTOM TRAWL					
USGS-GM-2004-03	9004	CAELORINCHUS CARIBBAEUS	X085				46	BOTTOM TRAWL					
USGS-GM-2004-03	9004	CAELORINCHUS CARIBBAEUS	X086				41	BOTTOM TRAWL					
USGS-GM-2004-03	9004	CAELORINCHUS CARIBBAEUS	X087				42	BOTTOM TRAWL					
USGS-GM-2004-03	9004	CAELORINCHUS CARIBBAEUS	X088				43	BOTTOM TRAWL					
USGS-GM-2004-03	9004	CAELORINCHUS CARIBBAEUS	X090				47	BOTTOM TRAWL					
USGS-GM-2004-03	9004	CAELORINCHUS CARIBBAEUS	X091				55	BOTTOM TRAWL					
USGS-GM-2004-03	9004	CAELORINCHUS CARIBBAEUS	X092					BOTTOM TRAWL, DAMAGED FISH					
USGS-GM-2004-03	9004	CAELORINCHUS CARIBBAEUS	X093					BOTTOM TRAWL, DAMAGED FISH					
USGS-GM-2004-03	9004	CAELORINCHUS CARIBBAEUS	X094					BOTTOM TRAWL, DAMAGED FISH					
USGS-GM-2004-03	9004	CAELORINCHUS CARIBBAEUS	X095					BOTTOM TRAWL, DAMAGED FISH					
USGS-GM-2004-03	9004	CAELORINCHUS CARIBBAEUS	X098				23	BOTTOM TRAWL					
USGS-GM-2004-03	9007	CAELORINCHUS CARIBBAEUS	X170				70						

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Cruise	Station	Taxon	Specimen #	SL mm	FL mm	TL mm	HL mm	Gear & Comments	Weight g	Isotope	Stomach	Preserved	Discarded
USGS-GM-2004-03	9007	CAELORINCHUS CARIBBAEUS	X171				32						
USGS-GM-2004-03	9007	CAELORINCHUS CARIBBAEUS	X172				30						
USGS-GM-2004-03	9007	CAELORINCHUS CARIBBAEUS	X173				62						
USGS-GM-2004-03	9007	CAELORINCHUS CARIBBAEUS	X174				55						
USGS-GM-2004-03	9007	CAELORINCHUS CARIBBAEUS	X175				42						
USGS-GM-2004-03	9007	CAELORINCHUS CARIBBAEUS	X176				46						
USGS-GM-2004-03	9007	CAELORINCHUS CARIBBAEUS	X177				33						
USGS-GM-2004-03	9007	CAELORINCHUS CARIBBAEUS	X183				30						
USGS-GM-2004-03	9007	CAELORINCHUS CARIBBAEUS	X184				30						
USGS-GM-2004-03	9007	CAELORINCHUS CARIBBAEUS	X200				28						
USGS-GM-2004-03	9017	CAELORINCHUS CARIBBAEUS	X264				55	12' OTTER TRAWL					
USGS-GM-2004-03	9017	CAELORINCHUS CARIBBAEUS	X265				53	12' OTTER TRAWL					
USGS-GM-2004-03	9017	CAELORINCHUS CARIBBAEUS	X266				45	12' OTTER TRAWL					
USGS-GM-2004-03	9017	CAELORINCHUS CARIBBAEUS	X267				53	12' OTTER TRAWL					
USGS-GM-2004-03	9017	CAELORINCHUS CARIBBAEUS	X268				47	12' OTTER TRAWL					
USGS-GM-2004-03	9017	CAELORINCHUS CARIBBAEUS	X269				44	12' OTTER TRAWL					
USGS-GM-2004-03	9017	CAELORINCHUS CARIBBAEUS	X270				49	12' OTTER TRAWL					
USGS-GM-2004-03	9017	CAELORINCHUS CARIBBAEUS	X271				54	12' OTTER TRAWL					
USGS-GM-2004-03	9017	CAELORINCHUS CARIBBAEUS	X272				38	12' OTTER TRAWL					

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Cruise	Station	Taxon	Specimen #	SL mm	FL mm	TL mm	HL mm	Gear & Comments	Weight g	Isotope	Stomach	Preserved	Discarded
USGS-GM-2004-03	9017	CAELORINCHUS CARIBBAEUS	X273				54	12' OTTER TRAWL					
USGS-GM-2004-03	9017	CAELORINCHUS CARIBBAEUS	X274					12' OTTER TRAWL					
USGS-GM-2004-03	9017	CAELORINCHUS CARIBBAEUS	X275				53	12' OTTER TRAWL					
USGS-GM-2004-03	9018	CAELORINCHUS CARIBBAEUS	X313				20	12' OTTER TRAWL					
USGS-GM-2004-03	9018	CAELORINCHUS CARIBBAEUS	X314				47	12' OTTER TRAWL					
USGS-GM-2004-03	9018	CAELORINCHUS CARIBBAEUS	X315				43	12' OTTER TRAWL					
USGS-GM-2004-03	9018	CAELORINCHUS CARIBBAEUS	X316				36	12' OTTER TRAWL					
USGS-GM-2004-03	9018	CAELORINCHUS CARIBBAEUS	X317				41	12' OTTER TRAWL					
USGS-GM-2004-03	9018	CAELORINCHUS CARIBBAEUS	X318				28	12' OTTER TRAWL					
USGS-GM-2004-03	9013	CAELORINCHUS SP.	X247				35	BENTHIC SLED + 2 DAMAGED FISH					
USGS-GM-2004-03	9011	CANTHIDERMIS MACULATA	X243	56.5				ISOTOPE/PHOTO					
USGS-GM-2004-03	9011	CANTHIDERMIS MACULATA	X244	57				ISOTOPE					
USGS-GM-2004-03	9011	CANTHIDERMIS MACULATA	X245	64				ISOTOPE					
USGS-GM-2005-03	50	CARANX CRYOSOS	223	332					630	X			
USGS-GM-2004-03	9008	CARANX SP.	X246	13.1									
USGS-GM-2005-03	30	CARANX SP.	101			38		DIPNET			X		
USGS-GM-2005-03	14	CARANX SP. A	040			17		DIPNET			X		
USGS-GM-2005-03	14	CARANX SP. A	041			13		DIPNET			X		
USGS-GM-2005-03	14	CARANX SP. A	042			18		DIPNET			X		
USGS-GM-2005-03	14	CARANX SP. A	043			14		DIPNET			X		
USGS-GM-2005-03	14	CARANX SP. A	044			14		DIPNET			X		
USGS-GM-2005-03	14	CARANX SP. A	045			20		DIPNET			X		
USGS-GM-2005-03	14	CARANX SP. A	046			16		DIPNET			X		X
USGS-GM-2005-03	16	CARANX SP. A	050			16		DIPNET			X		
USGS-GM-2005-03	16	CARANX SP. B	048	18				DIPNET					X
USGS-GM-2004-03	9005	CARCHARHINUS FALCIFORMIS	X248	615				LONGLINE/PHOTO/ISOTOP E					
USGS-GM-2004-03	JSL-4754	CHAUNAX SUTTKUSI	X340	98.5				BUCKET 9					

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Cruise	Station	Taxon	Specimen #	SL mm	FL mm	TL mm	HL mm	Gear & Comments	Weight g	Isotope	Stomach	Preserved	Discarded
USGS-GM-2004-03	JSL-4754	CHAUNAX SUTTKUSI	X341	112				BUCKET 3					
USGS-GM-2004-03	JSL-4754	CHAUNAX SUTTKUSI	X342	81.5				BUCKET 3					
USGS-GM-2005-03	38	CHLOROSCOMBRUS CHRYSURUS	181		113			NIGHT LIGHT , PHOTO	65				
USGS-GM-2005-03	58	CHROMIS ENCHRYSURA	238	70					30	X	X		
USGS-GM-2005-03	58	CHROMIS ENCHRYSURA	239	80					50	X	X		
USGS-GM-2004-03	9007	CONGER OCEANICUS	X235			266		PHOTO					
USGS-GM-2004-03	9007	CONGER OCEANICUS	X236			256		PHOTO					
USGS-GM-2004-03	9018	CONGER OCEANICUS	X301			152		12' OTTER TRAWL					
USGS-GM-2004-03	9018	CONGER OCEANICUS	X302			162		12' OTTER TRAWL					
USGS-GM-2004-03	9018	CONGER OCEANICUS	X303			284		12' OTTER TRAWL					
USGS-GM-2005-03	44	CONGER OCEANICUS	194			65		CUTBAIT	400	X	X	X	
USGS-GM-2005-03	75	CONGER OCEANICUS	262			820		TRAP FISH	1200	X			
USGS-GM-2005-03	75	CONGER OCEANICUS	263			810		TRAP FISH	1100	X			
USGS-GM-2005-03	75	CONGER OCEANICUS	265			873		TRAP FISH	1200	X			
USGS-GM-2005-03	75	CONGER OCEANICUS	266			908		TRAP FISH	1700	X			
USGS-GM-2005-03	75	CONGER OCEANICUS	267			740		TRAP FISH	900	X	X		
USGS-GM-2005-03	75	CONGER OCEANICUS	268			1100		TRAP FISH	3600	X	X		
USGS-GM-2005-03	75	CONGER OCEANICUS	269			1216		TRAP FISH	2800	X	X		
USGS-GM-2005-03	75	CONGER OCEANICUS	270			690		TRAP FISH	600	X	X		
USGS-GM-2005-03	75	CONGER OCEANICUS	271			1070		TRAP FISH	2900	X	X		
USGS-GM-2005-03	75	CONGER OCEANICUS	272			1005		TRAP FISH	2500	X	X		
USGS-GM-2005-03	75	CONGER OCEANICUS	273			778		TRAP FISH	1000	X			
USGS-GM-2005-03	75	CONGER OCEANICUS	274			955		TRAP FISH	2000	X	X		
USGS-GM-2005-03	75	CONGER OCEANICUS	275			1050		TRAP FISH	3000	X	X		
USGS-GM-2004-03	9017	CONGRIDAE	X280			192		12' OTTER TRAWL					
USGS-GM-2004-03	9017	CONGRIDAE	X281			251		12' OTTER TRAWL					
USGS-GM-2004-03	JSL-4747	CORAL	X149					BUSHMASTER G052					
		CRABS/GASTROPODS											
USGS-GM-2004-03	9012	CORYPHAENA HIPPIURUS	X238		392			PHOTO/ISOTOPE/DIET					
USGS-GM-2004-03	9012	CORYPHAENA HIPPIURUS	X239		488			ISOTOPE/DIET					
USGS-GM-2004-03	9012	CORYPHAENA HIPPIURUS	X240		418			ISOTOPE/DIET					
USGS-GM-2004-03	9012	CORYPHAENA HIPPIURUS	X241		458			ISOTOPE/DIET					
USGS-GM-2004-03	9012	CORYPHAENA HIPPIURUS	X242		380			ISOTOPE/DIET					
USGS-GM-2005-03	14	CORYPHAENA HIPPIURUS	038			101		DIPNET		X			
USGS-GM-2005-03	19	CORYPHAENA SP.	086			30		DIPNET		X			
USGS-GM-2004-03	9018	CYTTOPSIS ROSEA	X326	76.2				12' OTTER TRAWL					
USGS-GM-2005-03	19	DECAPTERUS PUNCTATUS	059			27		DIPNET - VERIFY ID		X			

MASTER APPENDIX B**TABLE 1. 4: FISH SPECIMEN SAMPLES****USGS 2004-2005 LOPHELIA INVESTIGATION RAW DATA ARCHIVE****KEY: SL = STANDARD LENGTH, FL = FORK LENGTH, TL = TOTAL LENGTH, H = HEAD LENGTH, X = SAMPLE TAKEN**

Cruise	Station	Taxon	Specimen #	SL mm	FL mm	TL mm	HL mm	Gear & Comments	Weight g	Isotope	Stomach	Preserved	Discarded
USGS-GM-2004-03	9007	DIBRANCHUS ATLANTICUS	X169	70									
USGS-GM-2004-03	9007	DIBRANCHUS ATLANTICUS	X237	73									
USGS-GM-2005-03	31	ECHENEIS NAUCRATES	102			606		CUTBAIT - RELEASED					
USGS-GM-2005-03	32	ECHENEIS NAUCRATES	125	780				CUTBAIT					X
USGS-GM-2005-03	63	ECHENEIS NAUCRATES	245	610					1000				
USGS-GM-2004-03	9017	EPIGONUS PANDIONIS (SP)	X262	63				12' OTTER TRAWL					
USGS-GM-2005-03	06	EPINEPHELUS MORIO	023	525				CUTBAIT	3300	X			
USGS-GM-2005-03	32	EPINEPHELUS MORIO	113	410				CUTBAIT	2000	X	X		
USGS-GM-2005-03	33	EPINEPHELUS MORIO	129	465				CUTBAIT	2400	X			
USGS-GM-2005-03	34	EPINEPHELUS MORIO	139	410				CUTBAIT	1400	X			
USGS-GM-2005-03	47	EPINEPHELUS MORIO	196	437				CUTBAIT	1220	X			
USGS-GM-2005-03	47	EPINEPHELUS MORIO	201	451					2260	X			
USGS-GM-2005-03	48	EPINEPHELUS MORIO	208	448					2400	X			
USGS-GM-2005-03	50	EPINEPHELUS MORIO	224	475					2800	X			
USGS-GM-2005-03	51	EPINEPHELUS MORIO	225	420					1750	X	X		
USGS-GM-2005-03	63	EPINEPHELUS MORIO	246	500					3000	X			
USGS-GM-2005-03	63	EPINEPHELUS MORIO	247	620					6000	X			
USGS-GM-2005-03	64	EPINEPHELUS MORIO	248	440					2750	X			
USGS-GM-2005-03	67	EPINEPHELUS MORIO	252	480					2800	X			
USGS-GM-2005-03	74	ETMOPTERUS SP.	255			585		TRAP FISH	800	X	X		
USGS-GM-2004-03	9017	GEMPYLUS SERPENS	X277	32				12' OTTER TRAWL					
USGS-GM-2004-03	9018	GNATHAGNUS EGREGIUS	X327	111				12' OTTER TRAWL					
USGS-GM-2004-03	JSL-4751	GRAMMICOLEPIS BRACHIUSCULUS	X250	420				FRONT BASKET, SUB					
USGS-GM-2004-03	JSL-4745	HELICOLENUS DACTYLOPTERUS	X006	59				BUCKET #1 - PHOTO					
USGS-GM-2004-03	JSL-4751	HELICOLENUS DACTYLOPTERUS	X276	242									
USGS-GM-2005-03	74	HELICOLENUS DACTYLOPTERUS	256	250				TRAP FISH	450	X	X		
USGS-GM-2005-03	74	HELICOLENUS DACTYLOPTERUS	257	255				TRAP FISH	550	X	X		
USGS-GM-2005-03	74	HELICOLENUS DACTYLOPTERUS	258	300				TRAP FISH	950	X	X		
USGS-GM-2005-03	75	HELICOLENUS DACTYLOPTERUS	261	240				TRAP FISH	950	X	X		
USGS-GM-2005-03	76	HELICOLENUS DACTYLOPTERUS	276	297				TRAP FISH	900	X			

MASTER APPENDIX B**TABLE 1. 4: FISH SPECIMEN SAMPLES****USGS 2004-2005 LOPHELIA INVESTIGATION RAW DATA ARCHIVE****KEY: SL = STANDARD LENGTH, FL = FORK LENGTH, TL = TOTAL LENGTH, H = HEAD LENGTH, X = SAMPLE TAKEN**

Cruise	Station	Taxon	Specimen #	SL mm	FL mm	TL mm	HL mm	Gear & Comments	Weight g	Isotope	Stomach	Preserved	Discarded
USGS-GM-2005-03	31	LUTJANUS CAMPECHANUS	110	312				CUTBAIT	800				X
USGS-GM-2005-03	31	LUTJANUS CAMPECHANUS	111	296				CUTBAIT	750				X
USGS-GM-2005-03	32	LUTJANUS CAMPECHANUS	112	228				CUTBAIT			X		
USGS-GM-2005-03	32	LUTJANUS CAMPECHANUS	114	230				CUTBAIT	380				X
USGS-GM-2005-03	32	LUTJANUS CAMPECHANUS	115	580				CUTBAIT	2200				X
USGS-GM-2005-03	32	LUTJANUS CAMPECHANUS	119	310				CUTBAIT	950				X
USGS-GM-2005-03	32	LUTJANUS CAMPECHANUS	120	275				CUTBAIT	600				X
USGS-GM-2005-03	32	LUTJANUS CAMPECHANUS	121	314				CUTBAIT	875				X
USGS-GM-2005-03	33	LUTJANUS CAMPECHANUS	130	336				CUTBAIT	1250				X
USGS-GM-2005-03	33	LUTJANUS CAMPECHANUS	131	495				CUTBAIT	4000				X
USGS-GM-2005-03	33	LUTJANUS CAMPECHANUS	132	280				CUTBAIT	500				X
USGS-GM-2005-03	33	LUTJANUS CAMPECHANUS	135	452				CUTBAIT	2650				X
USGS-GM-2005-03	34	LUTJANUS CAMPECHANUS	138	430				CUTBAIT	1900				X
USGS-GM-2005-03	34	LUTJANUS CAMPECHANUS	141	290				CUTBAIT	545				X
USGS-GM-2005-03	43	LUTJANUS CAMPECHANUS	184	324				CUTBAIT	900				X
USGS-GM-2005-03	44	LUTJANUS CAMPECHANUS	189	315				CUTBAIT	800				X
USGS-GM-2005-03	44	LUTJANUS CAMPECHANUS	190	310				CUTBAIT	900				X
USGS-GM-2005-03	44	LUTJANUS CAMPECHANUS	191	322				CUTBAIT	850				X
USGS-GM-2005-03	44	LUTJANUS CAMPECHANUS	192	325				CUTBAIT	1050				X
USGS-GM-2005-03	44	LUTJANUS CAMPECHANUS	193	375				CUTBAIT	1500				X
USGS-GM-2005-03	47	LUTJANUS CAMPECHANUS	195	315				CUTBAIT	625				X
USGS-GM-2005-03	47	LUTJANUS CAMPECHANUS	197	285				CUTBAIT	680				X
USGS-GM-2005-03	47	LUTJANUS CAMPECHANUS	198	283					760				X
USGS-GM-2005-03	47	LUTJANUS CAMPECHANUS	199	287					1300				X
USGS-GM-2005-03	48	LUTJANUS CAMPECHANUS	203	220					350				X
USGS-GM-2005-03	48	LUTJANUS CAMPECHANUS	204	373					1525				X
USGS-GM-2005-03	48	LUTJANUS CAMPECHANUS	205	272					575				X
USGS-GM-2005-03	48	LUTJANUS CAMPECHANUS	206	350					2200				X
USGS-GM-2005-03	48	LUTJANUS CAMPECHANUS	207	276					660				X
USGS-GM-2005-03	48	LUTJANUS CAMPECHANUS	209	287					625				X
USGS-GM-2005-03	49	LUTJANUS CAMPECHANUS	211	275					774				X
USGS-GM-2005-03	49	LUTJANUS CAMPECHANUS	212	385					1600				X
USGS-GM-2005-03	49	LUTJANUS CAMPECHANUS	219	375					1500				X
USGS-GM-2005-03	49	LUTJANUS CAMPECHANUS	220	342					1100				X
USGS-GM-2005-03	59	MALACANTHUS PLUMIERI?	240	370					450	X	X		
USGS-GM-2004-03	9007	MALACOCEPHALUS OCCIDENTALIS	X232				46	PHOTO					

MASTER APPENDIX B**TABLE 1. 4: FISH SPECIMEN SAMPLES****USGS 2004-2005 LOPHELIA INVESTIGATION RAW DATA ARCHIVE****KEY: SL = STANDARD LENGTH, FL = FORK LENGTH, TL = TOTAL LENGTH, H = HEAD LENGTH, X = SAMPLE TAKEN**

Cruise	Station	Taxon	Specimen #	SL mm	FL mm	TL mm	HL mm	Gear & Comments	Weight g	Isotope	Stomach	Preserved	Discarded
USGS-GM-2004-03	9007	MALACOCEPHALUS OCCIDENTALIS	X233				67						
USGS-GM-2004-03	9007	MALACOCEPHALUS OCCIDENTALIS	X234				41						
USGS-GM-2004-03	9017	MALACOCEPHALUS OCCIDENTALIS	X282				24	12' OTTER TRAWL					
USGS-GM-2004-03	9017	MALACOCEPHALUS OCCIDENTALIS	X283				23	12' OTTER TRAWL					
USGS-GM-2004-03	9017	MALACOCEPHALUS OCCIDENTALIS	X284				30	12' OTTER TRAWL					
USGS-GM-2004-03	9017	MALACOCEPHALUS OCCIDENTALIS	X285				33	12' OTTER TRAWL					
USGS-GM-2004-03	9018	MALACOCEPHALUS OCCIDENTALIS	X319				30	12' OTTER TRAWL					
USGS-GM-2004-03	9018	MALACOCEPHALUS OCCIDENTALIS	X320				20	12' OTTER TRAWL					
USGS-GM-2004-03	9018	MALACOCEPHALUS OCCIDENTALIS	X321				18	12' OTTER TRAWL					
USGS-GM-2004-03	9018	MAUROLICUS MEULLERI	X325	39				12' OTTER TRAWL					
USGS-GM-2004-03	9007	MIDWATER FISH	X212					BAG OF NINE					
USGS-GM-2004-03	9007	MIDWATER FISH	X213					BAG OF NINE					
USGS-GM-2004-03	9007	MIDWATER FISH	X214					BAG OF NINE					
USGS-GM-2004-03	9007	MIDWATER FISH	X215					BAG OF NINE					
USGS-GM-2004-03	9007	MIDWATER FISH	X216					BAG OF NINE					
USGS-GM-2004-03	9007	MIDWATER FISH	X217					BAG OF NINE					
USGS-GM-2004-03	9007	MIDWATER FISH	X218					BAG OF NINE					
USGS-GM-2004-03	9007	MIDWATER FISH	X219					BAG OF NINE					
USGS-GM-2004-03	9007	MIDWATER FISH	X220					BAG OF NINE					
USGS-GM-2004-03	JSL-4752	MONOMITOPUS?	X329			103.5		BUCKET 11					
USGS-GM-2005-03	08	MURAENA RETIFERA	033			723		CUTBAIT	690	X	X		X
USGS-GM-2005-03	34	MUSTELUS CANIS	136	Large				CUTBAIT - RELEASED	250				
USGS-GM-2005-03	48	MUSTELUS CANIS	210	1000				RELEASED					
USGS-GM-2005-03	05	MYCTEROPERCA MICROLEPIS	011	805				CUTBAIT	7500	X			X
USGS-GM-2005-03	06	MYCTEROPERCA PHENAX	022	283				CUTBAIT	2000	X	X		X
USGS-GM-2005-03	06	MYCTEROPERCA PHENAX	024	420				CUTBAIT	1300	X	X		X
USGS-GM-2005-03	07	MYCTEROPERCA PHENAX	027	537				CUTBAIT	1250	X			
USGS-GM-2005-03	31	MYCTEROPERCA PHENAX	105	297				CUTBAIT	525	X	X		

MASTER APPENDIX B**TABLE 1. 4: FISH SPECIMEN SAMPLES****USGS 2004-2005 LOPHELIA INVESTIGATION RAW DATA ARCHIVE****KEY: SL = STANDARD LENGTH, FL = FORK LENGTH, TL = TOTAL LENGTH, H = HEAD LENGTH, X = SAMPLE TAKEN**

Cruise	Station	Taxon	Specimen #	SL mm	FL mm	TL mm	HL mm	Gear & Comments	Weight g	Isotope	Stomach	Preserved	Discarded
USGS-GM-2005-03	33	MYCTEROPERCA PHENAX	127	510				CUTBAIT	6000	X			
USGS-GM-2005-03	33	MYCTEROPERCA PHENAX	128	650				CUTBAIT	6400	X			
USGS-GM-2005-03	34	MYCTEROPERCA PHENAX	137	375				CUTBAIT	925	X			
USGS-GM-2005-03	34	MYCTEROPERCA PHENAX	143	330				CUTBAIT	720	X			
USGS-GM-2005-03	35	MYCTEROPERCA PHENAX	149	305				CUTBAIT	650	X			
USGS-GM-2005-03	36	MYCTEROPERCA PHENAX	153	640				CUTBAIT	5200	X			
USGS-GM-2005-03	40	MYCTEROPERCA PHENAX	222	400					1050	X			
USGS-GM-2005-03	47	MYCTEROPERCA PHENAX	200	357					1000	X			
USGS-GM-2005-03	49	MYCTEROPERCA PHENAX	216	372					1100	X			
USGS-GM-2005-03	67	MYCTEROPERCA PHENAX	251	399					540	X	X		
USGS-GM-2004-03	JSL-4754	NEOBYTHITES MARGINATUS?	X343	10				BUCKET 7					
USGS-GM-2004-03	JSL-4745	NETTASTOMATIDAE - FACCIOLELLA	X004			130		BUCKET #1 - PHOTO					
USGS-GM-2005-03	34	OPSANUS PARDUS	144	284				CUTBAIT - RELEASED	620				
USGS-GM-2005-03	31	PAGRUS PAGRUS	103	238				CUTBAIT	400				X
USGS-GM-2005-03	31	PAGRUS PAGRUS	107	250				CUTBAIT	500				X
USGS-GM-2005-03	32	PAGRUS PAGRUS	117	255				CUTBAIT	550				X
USGS-GM-2005-03	32	PAGRUS PAGRUS	118	272				CUTBAIT	700				X
USGS-GM-2005-03	32	PAGRUS PAGRUS	124	300				CUTBAIT	980				X
USGS-GM-2005-03	33	PAGRUS PAGRUS	133	309				CUTBAIT	750				X
USGS-GM-2005-03	34	PAGRUS PAGRUS	140	245				CUTBAIT	275				X
USGS-GM-2005-03	35	PAGRUS PAGRUS	148	240				CUTBAIT	500				X
USGS-GM-2005-03	36	PAGRUS PAGRUS	151	245				CUTBAIT	360				X
USGS-GM-2005-03	37	PAGRUS PAGRUS	154	245				CUTBAIT	450				
USGS-GM-2005-03	48	PAGRUS PAGRUS	202	296					750				X
USGS-GM-2005-03	49	PAGRUS PAGRUS	213	202					250				X
USGS-GM-2005-03	49	PAGRUS PAGRUS	214	270					700				X
USGS-GM-2005-03	49	PAGRUS PAGRUS	215	275					650				X
USGS-GM-2005-03	49	PAGRUS PAGRUS	217	255					570				X
USGS-GM-2005-03	49	PAGRUS PAGRUS	218	243					500				X
USGS-GM-2004-03	9004	PARALICHTHYS ALBIGUTTA	X032	422				BOTTOM TRAWL					
USGS-GM-2005-03	65	PARANTHIAS FURCIFER	249	226					325	X	X		
USGS-GM-2004-03	9004	PARASUDIS TRUCULENTA	X099				47	BOTTOM TRAWL					
USGS-GM-2005-03	19	PEPRILUS BURTI	052	16				DIPNET		X			
USGS-GM-2005-03	19	PEPRILUS BURTI	053	12				DIPNET		X			
USGS-GM-2005-03	19	PEPRILUS BURTI	054	19				DIPNET		X			
USGS-GM-2005-03	19	PEPRILUS BURTI	055	10				DIPNET		X			

MASTER APPENDIX B

TABLE 1. 4: FISH SPECIMEN SAMPLES

USGS 2004-2005 LOPHELIA INVESTIGATION RAW DATA ARCHIVE

KEY: SL = STANDARD LENGTH, FL = FORK LENGTH, TL = TOTAL LENGTH, H = HEAD LENGTH, X = SAMPLE TAKEN

Cruise	Station	Taxon	Specimen #	SL mm	FL mm	TL mm	HL mm	Gear & Comments	Weight g	Isotope	Stomach	Preserved	Discarded
USGS-GM-2005-03	19	PEPRILUS BURTI	056	13				DIPNET		X			
USGS-GM-2005-03	19	PEPRILUS BURTI	057	14				DIPNET		X			
USGS-GM-2005-03	19	PEPRILUS BURTI	058	14				DIPNET		X			
USGS-GM-2005-03	19	PEPRILUS BURTI	087			17		DIPNET					X
USGS-GM-2004-03	9018	PHYSICULUS KARRERAE	X323	90				12' OTTER TRAWL					
USGS-GM-2004-03	JSL-4744	PHYSICULUS KARRERAE	X002	198				SUB, SUCTION - PHOTO					
USGS-GM-2004-03	JSL-4745	PHYSICULUS KARRERAE	X003			151		BUCKET #1 - PHOTO					
USGS-GM-2004-03	JSL-4745	PHYSICULUS KARRERAE	X008			70		BUCKET #11					
USGS-GM-2005-03	74	PHYSICULUS FULVUS	259	255				TRAP FISH	150	X			
USGS-GM-2005-03	74	PHYSICULUS FULVUS	260	237				TRAP FISH	150	X			
USGS-GM-2005-03	75	PHYSICULUS FULVUS	264	255				TRAP FISH	240	X			
USGS-GM-2005-03	76	PHYSICULUS FULVUS	288	267				TRAP FISH	200	X			
USGS-GM-2004-03	9004	POECILOPSETTA BEANII	X129					BOTTOM TRAWL					
USGS-GM-2004-03	9004	POECILOPSETTA BEANII	X130					BOTTOM TRAWL					
USGS-GM-2004-03	9004	POECILOPSETTA BEANII	X131					BOTTOM TRAWL					
USGS-GM-2004-03	9004	POECILOPSETTA BEANII	X132					BOTTOM TRAWL					
USGS-GM-2004-03	9004	POECILOPSETTA BEANII	X133					BOTTOM TRAWL					
USGS-GM-2004-03	9004	POECILOPSETTA BEANII	X134					BOTTOM TRAWL					
USGS-GM-2004-03	9004	POECILOPSETTA BEANII	X135					BOTTOM TRAWL					
USGS-GM-2004-03	9004	POECILOPSETTA BEANII	X136					BOTTOM TRAWL					
USGS-GM-2004-03	9004	POECILOPSETTA BEANII	X137					BOTTOM TRAWL					
USGS-GM-2004-03	9004	POECILOPSETTA BEANII	X138					BOTTOM TRAWL					
USGS-GM-2004-03	9004	POECILOPSETTA BEANII	X139					BOTTOM TRAWL					
USGS-GM-2004-03	9004	POECILOPSETTA BEANII	X140					BOTTOM TRAWL					
USGS-GM-2004-03	9004	POECILOPSETTA BEANII	X141					BOTTOM TRAWL					
USGS-GM-2004-03	9004	POECILOPSETTA BEANII	X142					BOTTOM TRAWL					
USGS-GM-2004-03	9004	POECILOPSETTA BEANII	X143					BOTTOM TRAWL					
USGS-GM-2004-03	9004	POECILOPSETTA BEANII	X144					BOTTOM TRAWL					
USGS-GM-2004-03	9004	POECILOPSETTA BEANII	X145					BOTTOM TRAWL					
USGS-GM-2004-03	9004	POECILOPSETTA BEANII	X146					BOTTOM TRAWL					
USGS-GM-2004-03	9004	POECILOPSETTA BEANII	X147					BOTTOM TRAWL					
USGS-GM-2004-03	9004	POECILOPSETTA BEANII	X148					BOTTOM TRAWL					
USGS-GM-2004-03	9007	POECILOPSETTA BEANII	X185			132							
USGS-GM-2004-03	9017	POECILOPSETTA BEANII	X279	94				12' OTTER TRAWL					
USGS-GM-2004-03	9018	POECILOPSETTA BEANII	X304	104				12' OTTER TRAWL					
USGS-GM-2004-03	9018	POECILOPSETTA BEANII	X305	92				12' OTTER TRAWL					
USGS-GM-2004-03	9018	POECILOPSETTA BEANII	X306	100				12' OTTER TRAWL					
USGS-GM-2004-03	9018	POECILOPSETTA BEANII	X307	94				12' OTTER TRAWL					

MASTER APPENDIX B**TABLE 1. 4: FISH SPECIMEN SAMPLES****USGS 2004-2005 LOPHELIA INVESTIGATION RAW DATA ARCHIVE****KEY: SL = STANDARD LENGTH, FL = FORK LENGTH, TL = TOTAL LENGTH, H = HEAD LENGTH, X = SAMPLE TAKEN**

Cruise	Station	Taxon	Specimen #	SL mm	FL mm	TL mm	HL mm	Gear & Comments	Weight g	Isotope	Stomach	Preserved	Discarded
USGS-GM-2004-03	9018	POECILOPSETTA BEANII	X308	112				12' OTTER TRAWL					
USGS-GM-2004-03	9018	POECILOPSETTA BEANII	X309	78				12' OTTER TRAWL					
USGS-GM-2004-03	9018	POECILOPSETTA BEANII	X310	106				12' OTTER TRAWL					
USGS-GM-2004-03	9018	POECILOPSETTA BEANII	X311	100				12' OTTER TRAWL					
USGS-GM-2004-03	9018	POECILOPSETTA BEANII	X312	102				12' OTTER TRAWL					
USGS-GM-2004-03	9017	PONTINUS LONGISPINIS	X260	136				12' OTTER TRAWL					
USGS-GM-2004-03	9017	PONTINUS LONGISPINIS	X261	134				12' OTTER TRAWL					
USGS-GM-2004-03	9018	PONTINUS LONGISPINIS	X331	136				12' OTTER TRAWL					
USGS-GM-2004-03	9018	PONTINUS LONGISPINIS	X332	150				12' OTTER TRAWL					
USGS-GM-2004-03	JSL-4744	PONTINUS RATHBUNI	X001	80				SUB, SUCTION - PHOTO, ISOTOPE					
USGS-GM-2004-03	JSL-4745	PONTINUS RATHBUNI	X005			101		BUCKET #1 - PHOTO					
USGS-GM-2004-03	JSL-4747	PONTINUS RATHBUNI	X151	96				16' BOTTOM TRAWL					
USGS-GM-2004-03	9017	PONTINUS SP.	X263					12' OTTER TRAWL					
USGS-GM-2005-03	61	PRIACANTHUS ARENATUS	244	233					340				
USGS-GM-2005-03	01	PRISTIGENYS ALTA	001	167				SABIKI	210	X	X		
USGS-GM-2005-03	59	PRISTIGENYS ALTA	241	155					200	X	X		
USGS-GM-2005-03	59	PRISTIGENYS ALTA	242	189					320	X	X		
USGS-GM-2005-03	61	PRISTIGENYS ALTA	243	166					240	X	X		
USGS-GM-2005-03	03	PRNOTOGRAMMUS MARTINICENSIS	010	82				SABIKI	13				X
USGS-GM-2005-03	58	PRNOTOGRAMMUS MARTINICENSIS	227	95					50				X
USGS-GM-2005-03	58	PRNOTOGRAMMUS MARTINICENSIS	228	100					50				X
USGS-GM-2005-03	58	PRNOTOGRAMMUS MARTINICENSIS	229	95					50				X
USGS-GM-2005-03	58	PRNOTOGRAMMUS MARTINICENSIS	230	103					50				X
USGS-GM-2005-03	58	PRNOTOGRAMMUS MARTINICENSIS	231	67					30				X
USGS-GM-2005-03	58	PRNOTOGRAMMUS MARTINICENSIS	232	76					35				X
USGS-GM-2005-03	58	PRNOTOGRAMMUS MARTINICENSIS	233	95					50				X
USGS-GM-2005-03	58	PRNOTOGRAMMUS MARTINICENSIS	234	93					50				X

MASTER APPENDIX B**TABLE 1. 4: FISH SPECIMEN SAMPLES****USGS 2004-2005 LOPHELIA INVESTIGATION RAW DATA ARCHIVE****KEY: SL = STANDARD LENGTH, FL = FORK LENGTH, TL = TOTAL LENGTH, H = HEAD LENGTH, X = SAMPLE TAKEN**

Cruise	Station	Taxon	Specimen #	SL mm	FL mm	TL mm	HL mm	Gear & Comments	Weight g	Isotope	Stomach	Preserved	Discarded
USGS-GM-2005-03	58	PRNOTOGRAMMUS MARTINICENSIS	235	90					40				X
USGS-GM-2004-03	9007	PSEUDOMYROPHIS NIMIUS	X186			410		PHOTO AND PRESERVED					
USGS-GM-2004-03	9007	PSEUDOMYROPHIS NIMIUS	X187			382		PHOTO AND PRESERVED					
USGS-GM-2004-03	9007	PSEUDOMYROPHIS NIMIUS	X188			395		PHOTO AND PRESERVED					
USGS-GM-2005-03	01	RHOMBOPLITES AURORUBENS	002	209				SABIKI					X
USGS-GM-2005-03	01	RHOMBOPLITES AURORUBENS	003	214				SABIKI					X
USGS-GM-2005-03	01	RHOMBOPLITES AURORUBENS	004	208				SABIKI					X
USGS-GM-2005-03	01	RHOMBOPLITES AURORUBENS	005	208				SABIKI					X
USGS-GM-2005-03	03	RHOMBOPLITES AURORUBENS	006	261				SABIKI					X
USGS-GM-2005-03	03	RHOMBOPLITES AURORUBENS	007	243				SABIKI					X
USGS-GM-2005-03	05	RHOMBOPLITES AURORUBENS	014	394				CUTBAIT		X	X		X
USGS-GM-2005-03	05	RHOMBOPLITES AURORUBENS	015	271				CUTBAIT		X	X		X
USGS-GM-2005-03	05	RHOMBOPLITES AURORUBENS	016	304				CUTBAIT		X	X		X
USGS-GM-2005-03	05	RHOMBOPLITES AURORUBENS	017	291				CUTBAIT		X	X		X
USGS-GM-2005-03	05	RHOMBOPLITES AURORUBENS	018	309				CUTBAIT		X	X		X
USGS-GM-2005-03	05	RHOMBOPLITES AURORUBENS	019	304				CUTBAIT		X	X		X
USGS-GM-2005-03	05	RHOMBOPLITES AURORUBENS	020	299				CUTBAIT		X	X		X
USGS-GM-2005-03	07	RHOMBOPLITES AURORUBENS	028	318				CUTBAIT	1300				X
USGS-GM-2005-03	07	RHOMBOPLITES AURORUBENS	029	382				CUTBAIT	800				X
USGS-GM-2005-03	31	RHOMBOPLITES AURORUBENS	104	247				CUTBAIT	320				X

MASTER APPENDIX B**TABLE 1. 4: FISH SPECIMEN SAMPLES****USGS 2004-2005 LOPHELIA INVESTIGATION RAW DATA ARCHIVE****KEY: SL = STANDARD LENGTH, FL = FORK LENGTH, TL = TOTAL LENGTH, H = HEAD LENGTH, X = SAMPLE TAKEN**

Cruise	Station	Taxon	Specimen #	SL mm	FL mm	TL mm	HL mm	Gear & Comments	Weight g	Isotope	Stomach	Preserved	Discarded
USGS-GM-2005-03	31	RHOMBOPLITES AURORUBENS	106	215				CUTBAIT	275				X
USGS-GM-2005-03	31	RHOMBOPLITES AURORUBENS	108	219				CUTBAIT	275				X
USGS-GM-2005-03	31	RHOMBOPLITES AURORUBENS	109	232				CUTBAIT	320				X
USGS-GM-2005-03	32	RHOMBOPLITES AURORUBENS	116	232				CUTBAIT	300				X
USGS-GM-2005-03	32	RHOMBOPLITES AURORUBENS	122	240				CUTBAIT	350				X
USGS-GM-2005-03	32	RHOMBOPLITES AURORUBENS	123	233				CUTBAIT	310				X
USGS-GM-2005-03	33	RHOMBOPLITES AURORUBENS	134	254				CUTBAIT	400				X
USGS-GM-2005-03	34	RHOMBOPLITES AURORUBENS	142	210				CUTBAIT	240				X
USGS-GM-2005-03	35	RHOMBOPLITES AURORUBENS	145	253				CUTBAIT	500				X
USGS-GM-2005-03	35	RHOMBOPLITES AURORUBENS	146	210				CUTBAIT	350				X
USGS-GM-2005-03	35	RHOMBOPLITES AURORUBENS	147	210				CUTBAIT	410				X
USGS-GM-2005-03	35	RHOMBOPLITES AURORUBENS	150	240				CUTBAIT	460				X
USGS-GM-2005-03	36	RHOMBOPLITES AURORUBENS	152	238				CUTBAIT	360				X
USGS-GM-2005-03	41	RHOMBOPLITES AURORUBENS	162	225				CUTBAIT	300				X
USGS-GM-2005-03	41	RHOMBOPLITES AURORUBENS	163	278				CUTBAIT	500				X
USGS-GM-2005-03	41	RHOMBOPLITES AURORUBENS	164	262				CUTBAIT	400				X
USGS-GM-2005-03	41	RHOMBOPLITES AURORUBENS	165	227				CUTBAIT	350				X
USGS-GM-2005-03	41	RHOMBOPLITES AURORUBENS	166	168				CUTBAIT	150				X
USGS-GM-2005-03	41	RHOMBOPLITES AURORUBENS	167	205				CUTBAIT	250				X

MASTER APPENDIX B**TABLE 1. 4: FISH SPECIMEN SAMPLES****USGS 2004-2005 LOPHELIA INVESTIGATION RAW DATA ARCHIVE****KEY: SL = STANDARD LENGTH, FL = FORK LENGTH, TL = TOTAL LENGTH, H = HEAD LENGTH, X = SAMPLE TAKEN**

Cruise	Station	Taxon	Specimen #	SL mm	FL mm	TL mm	HL mm	Gear & Comments	Weight g	Isotope	Stomach	Preserved	Discarded
USGS-GM-2005-03	41	RHOMBOPLITES AURORUBENS	168	187				CUTBAIT	200				X
USGS-GM-2005-03	41	RHOMBOPLITES AURORUBENS	169	220				CUTBAIT	220				X
USGS-GM-2005-03	41	RHOMBOPLITES AURORUBENS	170	157				CUTBAIT	120				X
USGS-GM-2005-03	41	RHOMBOPLITES AURORUBENS	171	168				CUTBAIT	180				X
USGS-GM-2005-03	41	RHOMBOPLITES AURORUBENS	172	231				CUTBAIT	450				X
USGS-GM-2005-03	41	RHOMBOPLITES AURORUBENS	173	173				CUTBAIT	180				X
USGS-GM-2005-03	41	RHOMBOPLITES AURORUBENS	174	160				CUTBAIT	110				X
USGS-GM-2005-03	07	SARDA SARDA	032		725			CUTBAIT	6020	X	X		X
USGS-GM-2005-03	30	SARGASSUM ASSOCIATED FISH	088					DIPNET, VERIFY ID					
USGS-GM-2005-03	42	SCOMBER JAPONICUS	177		252			CUTBAIT	220	X	X		
USGS-GM-2005-03	44	SCOMBEROMORUS CAVALLA	185		750			CUTBAIT	3200	X			
USGS-GM-2005-03	44	SCOMBEROMORUS CAVALLA	186		860			CUTBAIT	4500	X			
USGS-GM-2005-03	44	SCOMBEROMORUS CAVALLA	188		782			CUTBAIT	3000	X			
USGS-GM-2005-03	38	SCOMBEROMORUS CAVALLA?	156		67			NIGHT LIGHT				X	
USGS-GM-2005-03	38	SCOMBEROMORUS CAVALLA?	157		54			NIGHT LIGHT, PHOTO				X	
USGS-GM-2005-03	38	SCOMBEROMORUS CAVALLA?	158		37			NIGHT LIGHT		X			
USGS-GM-2005-03	38	SCOMBEROMORUS CAVALLA?	159		59			NIGHT LIGHT		X			
USGS-GM-2005-03	38	SCOMBEROMORUS CAVALLA?	160		56			NIGHT LIGHT		X			
USGS-GM-2005-03	38	SCOMBEROMORUS CAVALLA?	178		55			NIGHT LIGHT		X			
USGS-GM-2005-03	38	SCOMBEROMORUS CAVALLA?	179		57			NIGHT LIGHT		X			

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TABLE 1. 4: FISH SPECIMEN SAMPLES

USGS 2004-2005 LOPHELIA INVESTIGATION RAW DATA ARCHIVE

KEY: SL = STANDARD LENGTH, FL = FORK LENGTH, TL = TOTAL LENGTH, H = HEAD LENGTH, X = SAMPLE TAKEN

Cruise	Station	Taxon	Specimen #	SL mm	FL mm	TL mm	HL mm	Gear & Comments	Weight g	Isotope	Stomach	Preserved	Discarded
USGS-GM-2005-03	38	SCOMBEROMORUS CAVALLA?	180		25			NIGHT LIGHT		X			
USGS-GM-2004-03	9004	SCORPAENIDAE SP.1	X013	149				BOTTOM TRAWL					
USGS-GM-2004-03	9004	SCORPAENIDAE SP.1	X014	159				BOTTOM TRAWL					
USGS-GM-2004-03	9004	SCORPAENIDAE SP.1	X015	171				BOTTOM TRAWL					
USGS-GM-2004-03	9004	SCORPAENIDAE SP.1	X016	159				BOTTOM TRAWL					
USGS-GM-2004-03	9004	SCORPAENIDAE SP.1	X017	151				BOTTOM TRAWL					
USGS-GM-2004-03	9004	SCORPAENIDAE SP.1	X018	130				BOTTOM TRAWL					
USGS-GM-2004-03	9004	SCORPAENIDAE SP.1	X019	142				BOTTOM TRAWL					
USGS-GM-2004-03	9004	SCORPAENIDAE SP.1	X020	141				BOTTOM TRAWL					
USGS-GM-2004-03	9004	SCORPAENIDAE SP.1	X021	171				BOTTOM TRAWL					
USGS-GM-2004-03	9004	SCORPAENIDAE SP.1	X022	150				BOTTOM TRAWL					
USGS-GM-2004-03	9004	SCORPAENIDAE SP.1	X023	121				BOTTOM TRAWL					
USGS-GM-2004-03	9004	SCORPAENIDAE SP.1	X024	141				BOTTOM TRAWL					
USGS-GM-2004-03	9004	SCORPAENIDAE SP.1	X025	147				BOTTOM TRAWL					
USGS-GM-2004-03	9004	SCORPAENIDAE SP.1	X026	142				BOTTOM TRAWL					
USGS-GM-2004-03	9004	SCORPAENIDAE SP.1	X027	142				BOTTOM TRAWL					
USGS-GM-2004-03	9004	SCORPAENIDAE SP.1	X028	134				BOTTOM TRAWL					
USGS-GM-2004-03	9004	SCORPAENIDAE SP.1	X029	148				BOTTOM TRAWL					
USGS-GM-2004-03	9004	SCORPAENIDAE SP.1	X030	136				BOTTOM TRAWL					
USGS-GM-2004-03	9004	SCORPAENIDAE SP.1	X031	112				BOTTOM TRAWL					
USGS-GM-2005-03	41	SELAR CRUMENOPHTHALMUS	161	220				CUTBAIT, PHOTO	220			X	
USGS-GM-2005-03	41	SELAR CRUMENOPHTHALMUS	175		212			CUTBAIT	190	X	X		
USGS-GM-2005-03	41	SELAR CRUMENOPHTHALMUS	176		225			CUTBAIT	180	X	X		
USGS-GM-2005-03	42	SELAR CRUMENOPHTHALMUS	182		189			CUTBAIT	160	X	X		
USGS-GM-2005-03	05	SERIOLA DUMERILI	012	507				CUTBAIT		X	X		X
USGS-GM-2005-03	07	SERIOLA DUMERILI	026	620				CUTBAIT	4200	X	X		X
USGS-GM-2005-03	08	SERIOLA DUMERILI	030		785			CUTBAIT	6800	X	X		X
USGS-GM-2005-03	09	SERIOLA DUMERILI	034		845			CUTBAIT	825	X	X		X
USGS-GM-2005-03	09	SERIOLA DUMERILI	035		995			CUTBAIT	1250	X	X		X
USGS-GM-2005-03	05	SERIOLA FASCIATA	013	511				CUTBAIT		X	X		X
USGS-GM-2005-03	09	SERIOLA RIVOLIANA	036		634			CUTBAIT	4000	X	X		X
USGS-GM-2005-03	66	SERIOLA RIVOLIANA	250		680				4000	X	X		
USGS-GM-2005-03	14	SERIOLA SP.	039	23				DIPNET		X			

MASTER APPENDIX B**TABLE 1. 4: FISH SPECIMEN SAMPLES****USGS 2004-2005 LOPHELIA INVESTIGATION RAW DATA ARCHIVE****KEY: SL = STANDARD LENGTH, FL = FORK LENGTH, TL = TOTAL LENGTH, H = HEAD LENGTH, X = SAMPLE TAKEN**

Cruise	Station	Taxon	Specimen #	SL mm	FL mm	TL mm	HL mm	Gear & Comments	Weight g	Isotope	Stomach	Preserved	Discarded
USGS-GM-2005-03	03	SERRANUS PHOEBE	008	114				SABIKI	41				X
USGS-GM-2005-03	03	SERRANUS PHOEBE	009	134				SABIKI	51				X
USGS-GM-2005-03	05	SERRANUS PHOEBE	021	153				CUTBAIT		X	X		X
USGS-GM-2005-03	58	SERRANUS PHOEBE	236	157					120				X
USGS-GM-2005-03	58	SERRANUS PHOEBE	237	167					130				X
USGS-GM-2004-03	9018	SETARCHES GUENTHERI	X293	51.7				12' OTTER TRAWL					
USGS-GM-2005-03	32	SHARK	126	1000				CUTBAIT					
USGS-GM-2004-03	JSL-4747	STARFISH	X150					BUCKET #4 G055					
USGS-GM-2004-03	9004	STEINDACHNERIA ARGENTEA	X089				38	BOTTOM TRAWL					
USGS-GM-2004-03	9004	STEINDACHNERIA ARGENTEA	X096				44	BOTTOM TRAWL					
USGS-GM-2004-03	9004	STEINDACHNERIA ARGENTEA	X097				40	BOTTOM TRAWL					
USGS-GM-2004-03	9017	STEINDACHNERIA ARGENTEA	X286				35	12' OTTER TRAWL					
USGS-GM-2004-03	9017	STEINDACHNERIA ARGENTEA	X287				40	12' OTTER TRAWL					
USGS-GM-2004-03	9017	STEINDACHNERIA ARGENTEA	X288				34	12' OTTER TRAWL					
USGS-GM-2004-03	9018	STEINDACHNERIA ARGENTEA	X289				32	12' OTTER TRAWL					
USGS-GM-2004-03	9018	STEINDACHNERIA ARGENTEA	X322				32	12' OTTER TRAWL					
USGS-GM-2004-03	9019	STEINDACHNERIA ARGENTEA	X290				25	12' OTTER TRAWL					
USGS-GM-2004-03	9020	STEINDACHNERIA ARGENTEA	X291				16	12' OTTER TRAWL					
USGS-GM-2004-03	9021	STEINDACHNERIA ARGENTEA	X292				33	12' OTTER TRAWL					
USGS-GM-2005-03	30	STEPHANOLEPIS HISPIDUS	089	36				DIPNET, KEPT FOR ID		X			
USGS-GM-2005-03	30	STEPHANOLEPIS HISPIDUS	090	35				DIPNET, KEPT FOR ID		X			
USGS-GM-2005-03	30	STEPHANOLEPIS HISPIDUS	091	37				DIPNET, KEPT FOR ID		X			
USGS-GM-2005-03	30	STEPHANOLEPIS HISPIDUS	092	37				DIPNET, KEPT FOR ID		X			
USGS-GM-2005-03	30	STEPHANOLEPIS HISPIDUS	096	3				DIPNET		X			
USGS-GM-2005-03	30	STEPHANOLEPIS HISPIDUS	097					DIPNET, TOO SMALL FOR ISOTOPE					

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TABLE 1. 4: FISH SPECIMEN SAMPLES

USGS 2004-2005 LOPHELIA INVESTIGATION RAW DATA ARCHIVE

KEY: SL = STANDARD LENGTH, FL = FORK LENGTH, TL = TOTAL LENGTH, H = HEAD LENGTH, X = SAMPLE TAKEN

Cruise	Station	Taxon	Specimen #	SL mm	FL mm	TL mm	HL mm	Gear & Comments	Weight g	Isotope	Stomach	Preserved	Discarded
USGS-GM-2005-03	30	STEPHANOLEPIS HISPIDUS	098					DIPNET, TOO SMALL FOR ISOTOPE					
USGS-GM-2005-03	30	STEPHANOLEPIS HISPIDUS	099					DIPNET, TOO SMALL FOR ISOTOPE					
USGS-GM-2005-03	30	STEPHANOLEPIS HISPIDUS	100					DIPNET, TOO SMALL FOR ISOTOPE					
USGS-GM-2004-03	9007	SYMPHURUS SP.	X178			109		NO DISTINCT SPOTS, 12 CAUDAL RAYS					
USGS-GM-2004-03	9007	SYMPHURUS SP.	X179			110							
USGS-GM-2004-03	9007	SYMPHURUS SP.	X180			134							
USGS-GM-2004-03	9007	SYMPHURUS SP.	X181			110							
USGS-GM-2004-03	9007	SYMPHURUS SP.	X182			106							
USGS-GM-2004-03	9007	SYMPHURUS SP.	X189			135		PHOTO					
USGS-GM-2004-03	9007	SYMPHURUS SP.	X190					PHOTO					
USGS-GM-2004-03	9007	SYNAGROPS BELLUS	X227	126									
USGS-GM-2004-03	JSL-4755	SYNAPHOBANCHUS AFFINIS	X344			361		BUCKET 9					
USGS-GM-2005-03	14	SYNGNATHUS PELAGICUS	037	46				DIPNET					X
USGS-GM-2005-03	16	SYNGNATHUS PELAGICUS	049			79		DIPNET					X
USGS-GM-2005-03	44	THUNNUS ATLANTICUS	187		830			CUTBAIT	12500				X
USGS-GM-2005-03	30	TRACHURUS SP.	093			46		DIPNET, KEPT FOR ID					
USGS-GM-2005-03	38	UNIDENTIFIED - NIGHT LIGHT	155	27				CUTBAIT					X
USGS-GM-2004-03	9004	UROPHYCIS CIRRATA	X122	330				BOTTOM TRAWL					
USGS-GM-2004-03	9004	UROPHYCIS CIRRATA	X123	255				BOTTOM TRAWL					
USGS-GM-2004-03	9004	UROPHYCIS CIRRATA	X124	271				BOTTOM TRAWL					
USGS-GM-2004-03	9004	UROPHYCIS CIRRATA	X125	274				BOTTOM TRAWL					
USGS-GM-2004-03	9004	UROPHYCIS CIRRATA	X126	250				BOTTOM TRAWL					
USGS-GM-2004-03	9004	UROPHYCIS CIRRATA	X127	298				BOTTOM TRAWL					
USGS-GM-2004-03	9004	UROPHYCIS CIRRATA	X128	338				BOTTOM TRAWL					
USGS-GM-2004-03	9007	UROPHYCIS CIRRATA	X191	276									
USGS-GM-2004-03	9007	UROPHYCIS CIRRATA	X192	290									
USGS-GM-2004-03	9018	UROPHYCIS CIRRATA	X299	272				12' OTTER TRAWL					
USGS-GM-2005-03	76	UROPHYCIS CIRRATA	287	325				TRAP FISH	400				X
USGS-GM-2004-03	9007	UROPHYCIS EARLLI - ID AS?? (LAEMONEMA BARBATULUM?)	X193	254				PHOTO -					

MASTER APPENDIX B**TABLE 1. 4: FISH SPECIMEN SAMPLES****USGS 2004-2005 LOPHELIA INVESTIGATION RAW DATA ARCHIVE****KEY: SL = STANDARD LENGTH, FL = FORK LENGTH, TL = TOTAL LENGTH, H = HEAD LENGTH, X = SAMPLE TAKEN**

Cruise	Station	Taxon	Specimen #	SL mm	FL mm	TL mm	HL mm	Gear & Comments	Weight g	Isotope	Stomach	Preserved	Discarded
USGS-GM-2004-03	9007	UROPHYCIS EARLLII (LAEMONEMA ?)	X223	190									
USGS-GM-2004-03	9007	UROPHYCIS EARLLII (LAEMONEMA ?)	X224	132									
USGS-GM-2004-03	9007	UROPHYCIS EARLLII (LAEMONEMA ?)	X225	140									
USGS-GM-2004-03	9007	UROPHYCIS EARLLII (LAEMONEMA ?)	X226	184									
USGS-GM-2004-03	9018	UROPHYCIS FLORIDANA	X300	298				12' OTTER TRAWL					
USGS-GM-2005-03	76	UROPHYCIS REGIA	289	385				TRAP FISH	450	X			
USGS-GM-2005-03	76	UROPHYCIS REGIA	290	294				TRAP FISH	200	X			
USGS-GM-2005-03	76	UROPHYCIS REGIA	291	386				TRAP FISH	600	X			
USGS-GM-2005-03	76	UROPHYCIS REGIA	292	330				TRAP FISH	400	X			
USGS-GM-2005-03	76	UROPHYCIS REGIA	293	360				TRAP FISH	400	X			
USGS-GM-2005-03	76	UROPHYCIS REGIA	294	349				TRAP FISH	450	X			
USGS-GM-2005-03	76	UROPHYCIS REGIA	295	381				TRAP FISH	600	X			
USGS-GM-2004-03	9017	UROPHYCIS SP.	X278	304				12' OTTER TRAWL					