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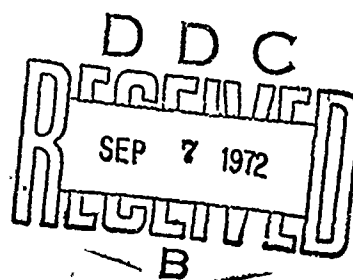
FINAL REPORT

VOLUME II OF II

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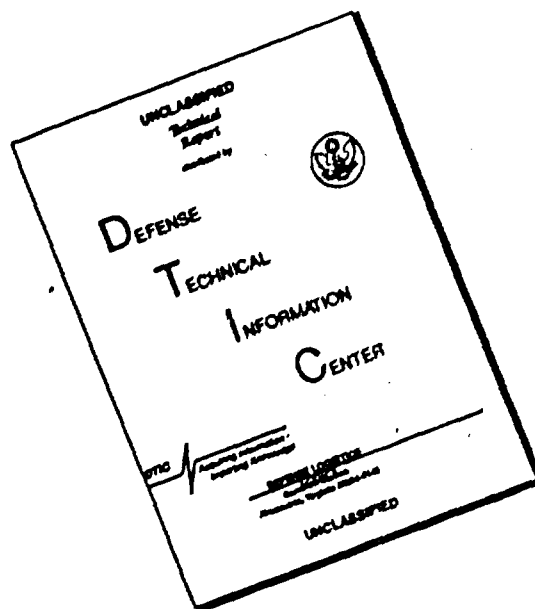
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APPENDIX 2

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Fish Data

Cyclothone braueri ~ Hygophum hygomi

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The tables in this appendix are among those that were used in analyzing the fish data, the results of which appear in Part 3 of the Text. For each species with sufficient data, four sets of tables are presented; the tables in each set are arranged numerically by station, and the sets appear in the following order: 1) Stage-Size, size frequency distributions for each stage or stage-sex combination; 2) Stage-Depth, catch rate as a function of stage of development and depth of capture, 3) Depth-Size:Day; catch rate as a function of depth of capture and size of the specimen, 4) Depth-Size:Night. Methods used for determining stage of development and for calculating catch rates are described in the Materials and Methods section of Part 3 of the Text.

TABLE 47

CYCLOTHICNE BRAUERII

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 1

SIZE MM	POSTLARVAE	JUVENILES	FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	INTERMED- IATE	UNDESIGNATED	TOTALS
10								2	2
11								36	36
12								142	142
13								55	55
14							52		52
15							117		117
16							156		156
17							127		127
18			2	1				167	170
19			265						265
20			305						305
21			300						300
22			266						266
23			155						155
24			100						100
25			44						44
26			12						12
27			3						3
TOTALS	C	C	1457	1	0	0	505	442	2405

TABLE 48

CYCLOTHICNE BRAUERII

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 2

SIZE MM	POSTLARVAE	JUVENILES	FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	INTERMED- IATE	UNDESIGNATED	TOTALS
10								11	11
11								36	36
12								21	21
13								7	7
14							10		10
15							44		44
16							175		175
17							123		123
18			5					110	115
19			164						164
20			241						241
21			276						276
22			363						363
23			314						314
24			130						130
25			55						55
26			12						12
TOTALS	C	C	1602	5	0	0	372	193	2367

TABLE 49

CYCLOTHICNE BRAUERII

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 2

SIZE MM	POSTLARVAE	JUVENILES	FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	INTERMED- IATE	UNDESIGNATED	TOTALS
10								3	3
11								41	41
12								221	221
13								236	236
14							214		214
15							344		344
16							360		360
17							334		334
18								462	462
19			563						563
20			495						495
21			337						337
22			111						111
23			23						23
24			3						3
25			1						1
26									
27									
28			1						1
TOTALS	C	0	1534	0	0	0	1252	963	3749

TABLE 50

CYCLOTHONE ERAUERI

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 4

SIZE MM	POSTLARVAE	JUVENILES	FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	INTERMED- IATE	UNDESIGNATED	TOTALS
10								2	2
11								1	1
12								15	15
13								40	40
14							61		61
15							57		57
16							39		39
17							30		30
18								34	34
19			71						71
20			81						81
21			63						63
22			32						32
23			17						17
24			4						4
TOTALS	C	C	266	C	U	0	167	92	547

TABLE 51

CYCLOTHONE ERAUERI

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 5

SIZE MM	POSTLARVAE	JUVENILES	FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	INTERMED- IATE	UNDESIGNATED	TOTALS
12								15	15
13								56	56
14							160		160
15							204		204
16							126		126
17							61		61
18								44	44
19			40						40
20			34						34
21			24						24
22			13						13
23			3						3
24			1						1
TOTALS	C	C	115	C	U	0	591	155	861

TABLE 52

CYCLOPHONE BRAUER 1

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY						NIGHT					
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	FEMALE	INTERMED.	NUMBER OF SAMP.-INDIV.	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	FEMALE	INTERMED.	NUMBER OF SAMP.-INDIV.
SURF												
25							1.1	0.0	0.0	0.0	0.0	2 0
50							1.0	0.0	0.0	0.0	0.0	1 0
75							1.0	0.0	0.0	0.0	0.0	1 0
100												
125												
150	1.0	0.0	0.0	0.0	0.0	3 0	3.0	0.0	0.0	0.0	0.0	3 0
175												
200							1.0	0.0	0.0	0.0	0.0	1 0
225												
250	1.0	0.0	0.0	0.0	0.0	2 0	3.0	0.0	0.0	0.7	0.3	3 3
275												
300												
325												
350	1.0	0.0	20.7	102.3	40.3	3 490	1.0	0.0	34.0	39.7	41.3	3 495
375												
400												
425												
450												
475												
500	1.0	0.0	0.0	303.0	99.0	2 914						
525												
550												
575												
600												
625												
650												
675												
700												
725	1.0	0.0	0.0	70.2	10.0	3 284	1.0	0.0	0.0	25.0	4.6	3 75
750												
775												
800												
825												
850												
875												
900												
925												
950												
975	1.0	0.0	0.0	0.0	0.0	1						
1000												

TABLE 53

CYCLOPHONE BRAUER 1

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY						NIGHT					
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	FEMALE	INTERMED.	NUMBER OF SAMP.-INDIV.	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	FEMALE	INTERMED.	NUMBER OF SAMP.-INDIV.
SURF	2.0	0.0	0.0	0.0	0.0	2 0	11.9	0.0	0.0	0.0	0.0	24 0
25							1.5	0.0	1.1	22.8	3.0	3 44
50							2.0	0.0	0.0	0.0	0.0	1 0
75												
100	2.0	0.0	0.0	0.0	0.0	2 0	1.0	0.0	0.0	0.0	0.0	1 0
125												
150	1.0	0.0	1.0	2.0	0.0	1 3	3.0	0.0	0.0	0.0	0.0	3 0
175												
200	2.0	0.0	0.0	0.0	0.0	2 0	3.0	0.0	0.0	0.0	0.0	3 0
225												
250												
275												
300	2.0	0.0	0.0	4.5	1.0	2 11						
325												
350												
375												
400	3.0	0.0	0.0	53.0	10.0	3 189	2.1	0.0	0.0	8.8	0.5	2 19
425												
450												
475												
500												
525												
550												
575												
600												
625							1.0	0.0	54.0	415.0	77.0	1 546
650												
675												
700												
725												
750												
775												
800	2.0	0.0	0.0	65.5	19.0	1 169	3.0	0.0	1.0	8.7	2.0	3 35
825												
850												
875												
900												
925												
950												
975												
1000	1.0	0.0	0.0	6.0	2.0	1 6	3.0	0.0	0.0	2.0	2.3	3 13

TABLE 56

CYCLOTHONE BRAUER1

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY						NIGHT					
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	FEMALE	INTERMED.	NUMBER OF SAMP.-INDIV.	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	FEMALE	INTERMED.	NUMBER OF SAMP.-INDIV.
SURF							7.8	0.0	0.0	0.0	0.0	15
25												
50							1.0	0.0	0.0	0.0	1.0	1
75												
100							1.0	0.0	0.0	0.0	0.0	1
125												
150							1.0	0.0	2.0	1.0	1.0	4
175	1.0	0.0	0.0	0.0	0.0	1	1.0	0.0	0.0	0.0	0.0	0
200												
225												
250	1.0	0.0	0.0	0.0	0.0	1	1.0	0.0	0.0	0.0	0.0	0
275												
300												
325							1.0	0.0	0.0	0.0	0.0	1
350	1.0	0.0	0.0	0.0	0.0	1						
375												
400							1.0	0.0	12.0	5.0	87.0	1
425	1.0	0.0	0.0	0.0	0.0	1						
450												
475												
500	1.0	0.0	1.0	3.0	2.0	1						
525							1.0	0.0	11.0	11.0	64.0	1
550												
575												
600												
625												
650												
675	2.0	0.0	0.0	19.0	3.0	2						
700												
725												
750												
775												
800												
825												
850												
875												
900												
925												
950												
975												
1000												

TABLE 57

CYCLOTHONE BRAUER1
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTH-SAMPLES (M)					
	150	225	375	500	700	940
12				1.5		
11			2.3	11.0		
12			10.7	27.5		
13			7.7	15.0	0.3	
14			4.7	3.5	0.7	
15			9.7	22.5	3.0	
16			12.3	45.0	8.0	
17			13.7	28.0	4.4	
18			18.3	27.5	1.7	
19			25.7	44.5	7.3	
20			24.3	62.0	7.6	
21			23.7	63.0	8.3	
22			16.0	62.5	14.0	
23			8.7	40.5	19.0	
24			2.7	21.5	12.3	
25			1.3	7.5	6.0	
26				1.5	3.0	
27					1.0	
NO./HOUR	0.0	0.0	181.7	484.5	96.2	0.0
NO. PLUMS	3.0	2.0	3.0	2.0	3.0	3.0
NO. SPEC.	0	0	545	969	289	0
NO. SAMPLES	3	2	3	2	3	3

TABLE 58

CYCLOTHONE BRAUER I
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)							
	SURF	100	150	200	300	400	800	1000
10			1.0					
11								
12								
13								
14					0.5	0.3		
15						2.0	3.0	
16					0.5	5.0	10.0	1.0
17						2.7	6.0	1.0
18					0.5	8.3	6.0	1.0
19			2.0		0.5	17.3	9.0	
20					1.5	18.3	14.0	3.0
21					1.5	9.0	19.5	
22					0.5	7.0	11.0	3.0
23						1.3	8.0	
24							2.0	
25					0.5		2.0	
NO./HOUR	0.0	0.0	3.0	0.0	6.0	71.3	90.5	9.0
NO. HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
NO. SPEC.	0	0	3	0	12	214	181	9
NO. SAMPLES	2	2	1	2	2	3	1	1

TABLE 59

CYCLOTHONE BRAUER I
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	50	100	150	200	300	400	500	600	750	1000
10							0.3	0.7		
11					0.5	0.3	8.0	1.3		
12					5.5		47.0	1.3		
13					7.0	3.0	45.7	2.0		
14					3.5	3.3	35.7	2.6		
15			0.5		5.0	4.7	49.7	14.2	2.0	0.5
16					8.5	1.0	49.0	14.0	1.0	
17				0.2	3.5	2.0	45.7	7.6		
18					6.0	0.7	63.0	10.9	0.5	
19			0.5	0.2	8.5	1.3	69.3	21.0	3.0	
20			0.5	0.2	10.0	2.0	52.7	27.7	0.5	
21			0.5		1.5	1.3	25.0	31.7	4.0	
22					1.0	0.3	6.7	10.2		
23					0.5		1.3	3.6		
24								0.3		
NO./HOUR	0.0	0.0	2.0	0.5	61.0	20.0	499.0	149.3	11.0	0.5
NO. HOURS	2.0	6.0	2.0	6.0	2.0	3.0	3.0	3.0	2.0	3.0
NO. SPEC.	0	0	4	3	122	60	1497	452	22	1
NO. SAMPLES	2	6	2	6	2	3	3	3	2	2

TABLE 60

CYCLOTHONE BRAUER I
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)	
	500	700
10	1.0	
11	1.0	
12	12.0	
13	34.0	1.0
14	52.0	
15	39.0	
16	29.0	
17	18.0	1.0
18	23.0	
19	43.0	
20	53.0	2.0
21	43.0	2.0
22	13.0	5.0
23	5.0	5.0
24	1.0	2.0
NO./HOUR	367.0	18.0
NO. HOURS	1.0	1.0
NO. SPEC.	367	18
NO. SAMPLES	1	1

TABLE 61

CYCLOTHONE BRAUER I
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)					
	160	250	340	410	495	675
13					1.0	
14					2.0	1.0
15						
16						0.5
17						1.5
18					1.0	0.5
19					2.0	2.0
20						7.5
21						5.0
22						3.5
23					1.0	0.5
24						0.5
NO./HOUR	0.0	0.0	0.0	0.0	7.0	22.5
NO. HOURS	1.0	1.0	1.0	1.0	1.0	2.0
NO. SPEC.	0	0	0	0	7	45
NO. SAMPLES	1	1	1	1	1	2

TABLE 62

CYCLOTHONE BRAUER I
NIGHTNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)							
	25	40	70	150	190	235	400	700
11							2.3	
12							18.0	0.3
13							13.7	
14							10.0	
15						0.3	10.3	0.7
16							12.7	2.9
17							8.0	1.0
18							14.7	3.7
19							24.0	2.0
20							25.7	2.7
21						0.3	21.0	4.6
22							13.3	3.6
23						0.3	3.3	8.0
24							1.0	3.0
25							0.7	1.7
26								0.3
NO./HOUR	0.0	0.0	0.0	0.0	0.0	1.0	178.7	34.4
NO. HOURS	1.1	1.0	1.0	3.0	1.0	3.0	3.0	3.0
NO. SPEC.	0	0	0	0	0	3	536	104
NO. SAMPLES	2	1	1	3	1	3	3	3

TABLE 63

CYCLOTHONE BRAUER I
NIGHTNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	12	45	100	150	200	400	600	800	1000
10		0.5						9.0		
11								30.0	0.7	
12		0.5						12.0	0.3	
13								3.0		
14		0.5						5.0		
15		1.1						19.0	0.7	
16							0.5	40.0	1.0	1.7
17		1.4						13.0	0.3	0.7
18		2.5					1.9	18.0		0.3
19		2.9					2.0	35.0	1.0	0.3
20		6.5					4.9	86.0	0.7	
21		7.1					1.0	96.0	2.3	0.3
22		5.0					0.5	95.0	2.7	1.0
23		1.4					0.5	71.0	1.0	0.3
24								26.0	0.7	
25								5.0	0.3	
26								1.0		
NO./HOUR	0.0	29.4	0.0	0.0	0.0	0.0	11.2	564.0	11.7	4.7
NO. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
NO. SPEC.	0	48	0	0	0	0	23	564	35	14
NO. SAMPLES	24	3	1	1	3	3	2	1	3	3

TABLE 64

CYCLOTHONE BRAUER I
NIGHTNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	50	100	150	200	300	400	500	600	750
11								3.0	0.7	
12							0.3	18.7	2.3	
13							0.3	21.0	1.3	
14					1.0		2.3	21.0	2.3	
15					1.0		3.6	27.3	6.7	1.7
16			1.0		1.0		2.0	32.7	12.3	1.0
17			2.0		1.5		0.7	43.0	6.3	1.3
18					3.0		2.3	54.7	13.0	1.3
19			3.0		2.0	0.3	0.7	52.0	26.0	2.7
20					1.5		0.3	41.0	28.0	2.0
21					3.0		0.3	13.3	30.0	2.0
22			1.0					4.3	13.7	0.6
23								0.3	2.0	
24			1.0					0.3		
25									0.3	
26										
27										
28			1.0							
NO./HOUR	0.0	0.0	9.0	0.0	14.0	0.3	12.8	332.7	145.0	12.6
NO. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
NO. SPEC.	0	0	9	0	28	1	39	998	435	38
NO. SAMPLES	52	1	1	3	2	3	3	3	3	3

TABLE 65

CYCLOTHONE BRAUER I
NIGHTNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)								
	SURF	50	80	135	155	250	325	425	510
12								1.0	2.0
13				2.0				11.0	9.0
14				1.0				28.0	18.0
15								27.0	19.0
16		1.0						25.0	13.0
17								7.0	14.0
18								3.0	7.0
19				1.0				4.0	6.0
20								1.0	2.0
21									2.0
22									1.0
NO./HOUR	0.0	1.0	0.0	4.0	0.0	0.0	0.0	107.0	93.0
NO. HOURS	7.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
NO. SPEC.	0	1	0	4	0	0	0	107	93
NO. SAMPLES	15	1	1	1	1	1	1	1	1

TABLE 66

CYCLOTHOPE PYCMAEA

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 1

SIZE MM	POSTLARVAE	JUVENILES	FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	INTERMED- IATE	UNDESIGNATED	TOTALS
10								2	2
11								7	7
12								14	14
13					1			71	72
14							170		170
15							174		174
16							201		201
17			12		2			156	170
18			113						113
19			74						74
20			53						53
21			32						32
22			14						14
23			4						4
TOTALS	0	0	202	0	3	0	545	250	1100

TABLE 67

CYCLOTHOPE PYCMAEA

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 2

SIZE MM	POSTLARVAE	JUVENILES	FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	INTERMED- IATE	UNDESIGNATED	TOTALS
12								11	11
13		1			2			31	34
14							56		56
15							275		275
16							457		457
17			14		0			507	521
18			654						654
19			588						588
20			252						252
21			145						145
22			38						38
23			12						12
24			2						2
25			3						3
TOTALS	0	1	1813		1		870	575	2563

TABLE 68

CYCLOTHOPE PYCMAEA

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 3

SIZE MM	POSTLARVAE	JUVENILES	FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	INTERMED- IATE	UNDESIGNATED	TOTALS
10								2	2
11								10	10
12								20	20
13								62	62
14							75		75
15							67		67
16							67		67
17								58	58
18			28						28
19			15						15
20			13						13
21			5						5
22			1						1
23			1						1
TOTALS	0	0	67	0	0	0	213	181	461

TABLE 69

CYCLOTICNE PYCNAEA

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 4

SIZE M	POSTLARVAE	JUVENILES	FEMALES	ADULT FEMALES	UNSTAGE MALES	SUBADULT MALES	INTERMED- IATE	UNDESIGNATED	TOTALS
11								6	6
12								27	27
13								46	46
14							35		35
15							46		46
16							17		17
17								5	5
18			2						2
19			1						1
TOTALS	0	0	3				104	62	169

TABLE 70

CYCLOTICNE PYCNAEA

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 4

SIZE M	POSTLARVAE	JUVENILES	FEMALES	ADULT FEMALES	UNSTAGE MALES	SUBADULT MALES	INTERMED- IATE	UNDESIGNATED	TOTALS
11								6	6
12								27	27
13								46	46
14							35		35
15							46		46
16							17		17
17								5	5
TOTALS	0	0					26	62	88

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TABLE 71

CYCLOTHONE PYGMAEA

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY							NIGHT						
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	FEMALE	INTERMED.	SAMP.-INDIV.		TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	FEMALE	INTERMED.	SAMP.-INDIV.	
SURF														
25								1.1	0.0	0.0	1.0	0.0	2	1
50								1.0	0.0	0.0	0.0	0.0	1	0
75								1.0	0.0	0.0	0.0	0.0	1	0
100														
125														
150	3.0	C.C	0.0	C.C	0.0	3	0	3.0	0.0	0.0	0.0	0.0	3	0
175														
200								1.0	0.0	0.0	0.0	C.0	1	0
225														
250	2.0	C.C	0.0	C.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
275														
300														
325														
350														
375	3.0	C.C	0.0	C.C	0.0	3	0	3.0	0.0	0.0	0.0	0.0	3	0
400														
425														
450														
475														
500	2.0	C.C	C.C	C.0	0.0	2	0							
525														
550														
575														
600														
625														
650														
675														
700	3.0	C.C	24.8	34.6	137.5	3	594	3.0	0.0	6.0	26.0	35.7	3	204
725														
750														
775														
800														
825														
850														
875														
900														
925														
950	3.0	C.C	C.7	39.3	7.7	3	143							
975														
1000														

TABLE 72

CYCLOTHONE PYGMAEA

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY							NIGHT						
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	FEMALE	INTERMED.	SAMP.-INDIV.		TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	FEMALE	INTERMED.	SAMP.-INDIV.	
SURF	2.0	0.0	0.0	C.0	0.0	2	0	11.9	0.0	0.0	0.0	0.0	24	0
25								1.5	0.0	3.7	56.9	32.5	3	145
50								2.0	0.0	0.0	0.0	0.0	1	0
75														
100	2.0	0.0	0.0	C.C	0.0	2	0	1.0	0.0	0.0	0.0	0.0	1	0
125														
150	1.0	0.0	0.0	C.0	1.0	1	1	3.0	0.0	0.0	0.0	0.0	3	0
175														
200	2.0	0.0	0.0	C.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
225														
250														
275														
300	2.0	0.0	0.0	2.0	2.5	2	9							
325														
350														
375														
400	3.0	0.0	0.0	C.0	0.0	3	0	2.1	0.0	0.0	0.0	0.0	2	0
425														
450														
475														
500														
525														
550														
575														
600														
625								1.0	0.0	6.0	4.0	13.0	1	23
650														
675														
700														
725														
750														
775														
800	2.0	0.0	4.5	250.5	150.0	1	810	3.0	0.0	2.0	88.2	55.9	3	439
825														
850														
875														
900														
925														
950														
975														
1000	1.0	0.0	0.0	109.0	24.0	1	133	3.0	0.0	0.7	79.7	18.0	3	295

TABLE 73

CYCLOTHONE PYGMAEA

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY							NIGHT						
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	FEMALE	INTERMED.	NUMBER OF SAMP.-INDIV.		TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	FEMALE	INTERMED.	NUMBER OF SAMP.-INDIV.	
SURF								29.0	0.0	0.0	0.0	0.0	50	0
25														
50	2.0	0.0	0.0	0.0	0.0	2	0	1.1	0.0	0.0	0.0	0.0	1	0
75														
100	6.0	0.0	0.0	0.0	0.0	6	0	1.0	0.0	2.0	2.0	3.0	1	7
125														
150	2.0	0.0	0.0	1.5	1.5	2	6	3.0	0.0	0.0	0.0	0.0	3	0
175														
200	6.0	0.0	0.0	0.0	0.0	6	0	2.0	0.0	0.0	0.0	0.0	2	0
225														
250														
275														
300	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
325														
350														
375														
400	3.0	0.0	0.0	0.0	0.0	3	0	3.1	0.0	0.0	0.0	0.0	3	0
425														
450														
475														
500	3.0	0.0	0.0	0.0	0.0	3	0	3.0	0.0	0.0	0.0	0.0	3	0
525														
550														
575														
600	3.0	0.0	7.0	0.0	3.3	3	31	3.0	0.0	2.0	0.0	1.0	3	9
625														
650														
675														
700														
725														
750	2.0	0.0	10.5	3.0	22.5	2	72	3.0	0.0	15.7	3.0	22.3	3	123
775														
800														
825														
850														
875														
900														
925														
950														
975														
1000	3.0	0.0	3.4	14.7	17.0	2	112							

TABLE 74

CYCLOTHONE PYGMAEA

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY							NIGHT						
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	FEMALE	INTERMED.	NUMBER OF SAMP.-INDIV.		TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	FEMALE	INTERMED.	NUMBER OF SAMP.-INDIV.	
SURF														
25														
50														
75														
100														
125														
150														
175														
200														
225														
250														
275														
300														
325														
350														
375														
400														
425														
450														
475														
500	1.0	0.0	24.0	0.0	16.0	1	40							
525														
550														
575														
600														
625														
650														
675														
700	1.0	0.0	10.0	1.0	9.0	1	20							
725														
750														
775														
800														
825														
850														
875														
900														
925														
950														
975														
1000														

TABLE 75

CYCLOTHONE PYGMAEA

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY							NIGHT						
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	NUMBER PER HOUR FEMALE	NUMBER OF INTERMED. SAMP.-INDIV.			TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	NUMBER PER HOUR FEMALE	NUMBER OF INTERMED. SAMP.-INDIV.		
SURF								7.8	0.0	0.0	0.0	0.0	15	0
25								1.0	0.0	0.0	0.0	0.0	1	0
50								1.0	0.0	0.0	0.0	0.0	1	0
75								1.0	0.0	0.0	0.0	0.0	1	0
100								1.0	0.0	0.0	0.0	0.0	1	0
125								1.0	0.0	0.0	0.0	0.0	1	0
150								1.0	0.0	0.0	0.0	0.0	1	0
175	1.0	0.0	0.0	0.0	0.0	1	0	1.0	0.0	0.0	0.0	0.0	1	0
200								1.0	0.0	0.0	0.0	0.0	1	0
225								1.0	0.0	0.0	0.0	0.0	1	0
250	1.0	0.0	0.0	0.0	0.0	1	0	1.0	0.0	0.0	0.0	0.0	1	0
275								1.0	0.0	0.0	0.0	0.0	1	0
300								1.0	0.0	0.0	0.0	0.0	1	0
325								1.0	0.0	0.0	0.0	0.0	1	0
350	1.0	0.0	0.0	0.0	0.0	1	0	1.0	0.0	0.0	0.0	0.0	1	0
375								1.0	0.0	0.0	0.0	0.0	1	0
400								1.0	0.0	0.0	0.0	0.0	1	0
425	1.0	0.0	0.0	0.0	0.0	1	0	1.0	0.0	0.0	0.0	0.0	1	0
450								1.0	0.0	0.0	0.0	0.0	1	0
475								1.0	0.0	0.0	0.0	0.0	1	0
500	1.0	0.0	0.0	0.0	0.0	1	0	1.0	0.0	0.0	0.0	0.0	1	0
525								1.0	0.0	0.0	0.0	0.0	1	0
550								1.0	0.0	0.0	0.0	0.0	1	0
575								1.0	0.0	0.0	0.0	0.0	1	0
600								1.0	0.0	0.0	0.0	0.0	1	0
625								1.0	0.0	0.0	0.0	0.0	1	0
650								1.0	0.0	0.0	0.0	0.0	1	0
675	2.0	0.0	5.5	0.0	12.0	2	35	1.0	0.0	0.0	0.0	0.0	1	0
700								1.0	0.0	0.0	0.0	0.0	1	0
725								1.0	0.0	0.0	0.0	0.0	1	0
750								1.0	0.0	0.0	0.0	0.0	1	0
775								1.0	0.0	0.0	0.0	0.0	1	0
800								1.0	0.0	0.0	0.0	0.0	1	0
825								1.0	0.0	0.0	0.0	0.0	1	0
850								1.0	0.0	0.0	0.0	0.0	1	0
875								1.0	0.0	0.0	0.0	0.0	1	0
900								1.0	0.0	0.0	0.0	0.0	1	0
925								1.0	0.0	0.0	0.0	0.0	1	0
950								1.0	0.0	0.0	0.0	0.0	1	0
975								1.0	0.0	0.0	0.0	0.0	1	0
1000								1.0	0.0	0.0	0.0	0.0	1	0

TABLE 76

CYCLOTHONE PYGMAEA
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (P)					
	150	235	375	500	700	940
10					0.7	
11					1.7	0.3
12					3.0	
13					19.6	0.3
14					45.5	0.3
15					45.6	2.0
16					48.4	5.3
17					31.1	11.3
18					18.2	9.7
19					7.3	8.0
20					5.9	8.3
21					2.3	6.0
22					0.7	3.3
23					0.3	0.3
NC./HOUR	0.0	0.0	0.0	0.0	228.1	55.3
NC. HOURS	3.0	2.0	3.0	2.0	3.0	3.0
NC. SPEC.	0	0	0	0	688	166
NC. SAMPLES	3	2	3	2	3	3

TABLE 77

CYCLOTHONE PYGMAEA
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.90 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)							
	SURF	100	150	200	300	400	800	1000
12							1.5	
13							3.0	
14			1.0		0.5		13.5	4.0
15					2.0		47.5	7.0
16							89.0	13.0
17					1.0		100.0	33.0
18					1.0		100.5	38.0
19					1.0		80.5	30.0
20							37.0	27.0
21							21.0	8.0
22							5.5	2.0
23							1.0	
24								1.0
NO./HOUR	0.0	0.0	1.0	0.0	5.5	0.0	500.0	163.0
NO. HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
NO. SPEC.	0	0	1	0	11	0	1000	163
NO. SAMPLES	2	2	1	2	2	3	1	1

TABLE 78

CYCLOTHONE PYGMAEA
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	50	100	150	200	300	400	500	600	750	1000
11									0.5	0.2
12								1.7	3.5	0.2
13								5.3	6.5	3.0
14								2.0	9.0	3.9
15			1.5					0.7	8.0	4.2
16								0.7	5.5	8.8
17			1.5						3.0	8.3
18			1.5						2.0	4.6
19									0.5	4.9
20										3.4
21									0.5	0.7
22										0.5
23										0.5
NO./HOUR	0.0	0.0	4.5	0.0	0.0	0.0	0.0	10.3	39.0	43.4
NO. HOURS	2.0	6.0	2.0	6.0	2.0	3.0	3.0	3.0	2.0	3.0
NO. SPEC.	0	0	9	0	0	0	0	31	78	139
NO. SAMPLES	2	6	2	6	2	3	3	3	2	2

TABLE 79

CYCLOTHONE PYGMAEA
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)	
	500	700
11	4.0	
12	11.0	4.0
13	9.0	6.0
14	9.0	6.0
15	6.0	1.0
16	1.0	2.0
17	2.0	2.0
18		
19		1.0
NO./HOUR	42.0	22.0
NO. HOURS	1.0	1.0
NO. SPEC.	42	22
NO. SAMPLES	1	1

TABLE 80

CYCLOTHONE PYGMAEA
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)					
	160	250	340	410	495	675
11						1.5
12						1.0
13						3.0
14						6.5
15						3.5
16						2.0
17						0.5
NO./HOUR	0.0	0.0	0.0	0.0	0.0	18.0
NO. HOURS	1.0	1.0	1.0	1.0	1.0	2.0
NO. SPEC.	0	0	0	0	0	36
NO. SAMPLES	1	1	1	1	1	2

TABLE 81

CYCLOTHONE PYGMAEA
NIGHTNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)							
	25	40	70	150	190	235	400	700
11								0.3
12								1.6
13								4.0
14								10.6
15								10.3
16								14.8
17								13.7
18	1.0							9.3
19								9.3
20								3.3
21								2.3
22								0.7
23								0.7
NO./HOUR	1.0	0.0	0.0	0.0	0.0	0.0	0.0	81.0
NO. HOURS	1.1	1.0	1.0	3.0	1.0	3.0	3.0	3.0
NO. SPEC.	1	0	0	0	0	0	0	245
NO. SAMPLES	2	1	1	3	1	3	3	3

TABLE 82

CYCLOTHONE PYGMAEA
NIGHTNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	12	45	100	150	200	400	600	800	1000
12		0.5						2.0		
13		3.2						4.0	2.0	0.7
14		6.5						9.0	5.7	1.7
15		8.9						5.0	17.9	5.0
16		17.1							32.3	11.3
17		21.2							34.6	17.7
18		21.4							36.6	22.0
19		19.9						1.0	29.3	29.3
20		10.9						2.0	15.0	16.0
21		3.2							5.3	8.0
22		1.6						1.0	1.3	2.0
23									0.3	1.7
24										
25									0.3	0.3
NO./HOUR	0.0	114.3	0.0	0.0	0.0	0.0	0.0	23.0	180.7	115.7
NO. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
NO. SPEC.	0	178	0	0	0	0	0	23	543	347
NO. SAMPLES	24	3	1	1	3	3	2	1	3	3

TABLE 83

CYCLOTHONE PYGMAEA
NIGHTNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	50	100	150	200	300	400	500	600	750
10										0.3
11										1.4
12										4.0
13			2.0						0.7	10.0
14			2.0						1.3	9.7
15									1.0	6.6
16			1.0							5.9
17			1.0							4.1
18			2.0							0.6
19										1.3
20										0.6
21										0.4
NO./HOUR	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	3.0	47.0
NO. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
NO. SPEC.	0	0	8	0	0	0	0	0	9	141
NO. SAMPLES	98	1	1	3	2	3	3	3	3	3

TABLE 84

GONOSTOMA CENICATUM

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 2

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
16	1								1
TOTALS	1	0	0	0	0	0	0	0	1

TABLE 85

GONOSTOMA CENICATUM

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 2

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
12	2								2
14	1								1
15	2								2
16									
17	1								1
18	1								1
19	1								1
20									
21									
22									
23									
24									
25									
26									
27									
28									
29									
30									
31									
32									
33		1							1
34									
35		1							1
36									
37		1							1
38									
39									
40		1							1
41									
42									
43									
44									
45									
46									
47									
48									
49									
50									
51									
52									
53									
54									
55									
56									
57									
58									
59									
60									
61									
62									
63									
64									
65									
66									
67									
68									
69									
70									
71									
72									
73									
74									
75									
76									
77									
78									
79									
80									
81									
82									
83									
84									
85									
86									
87									
88									
89									
90									
91									
92									
93									
94									
95									
96									
97									
TOTALS	2	4	0	0	2	0	0	0	14

TABLE 86

GONASTOMA ELEGANTUM

NUMBER OF SPECIMENS CAUGHT IN DISCRETE TRUTH SAMPLES FROM PL. 4

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSEXED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
28		1							1
TOTALS		1	0						1

TABLE 87

GONOSTOMA DENUDATUM

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY							NIGHT						
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR			NUMBER OF		TOTAL HOURS	POSTLARVA	NUMBER PER HOUR			NUMBER OF	
			JUVENILE	SUBADULT	ADULT	SAMP.-INDIV.				JUVENILE	SUBADULT	ADULT	SAMP.-INDIV.	
SURF	2.0	0.0	0.0	0.0	0.0	2	0	11.9	0.0	0.0	0.0	0.0	24	0
25								1.5	0.0	0.0	0.0	0.0	3	0
50								2.0	0.0	0.0	0.0	0.0	1	0
75														
100	2.0	0.0	0.0	0.0	0.0	2	0	1.0	0.0	0.0	0.0	0.0	1	0
125														
150	1.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	1
175														
200	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
225														
250														
275														
300	2.0	0.0	0.0	0.0	0.0	2	0							
325														
350														
375														
400	3.0	0.0	0.0	0.0	0.0	3	0	2.1	0.0	0.0	0.0	0.0	2	0
425														
450														
475														
500														
525														
550														
575														
600								1.0	0.0	0.0	0.0	0.0	1	0
625														
650														
675														
700														
725														
750														
775														
800	2.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0
825														
850														
875														
900														
925														
950														
975														
1000	1.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0

TABLE 88

GONOSTOMA DENUDATUM

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY							NIGHT						
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR			NUMBER OF		TOTAL HOURS	POSTLARVA	NUMBER PER HOUR			NUMBER OF	
			JUVENILE	SUBADULT	ADULT	SAMP.-INDIV.				JUVENILE	SUBADULT	ADULT	SAMP.-INDIV.	
SURF								29.0	0.0	0.0	0.0	0.0	58	0
25														
50	2.0	0.0	0.0	0.0	0.0	2	0	1.1	0.0	0.0	0.0	0.0	1	0
75														
100	6.0	0.0	0.0	0.0	0.0	6	0	1.0	2.0	0.0	0.0	0.0	1	2
125														
150	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.3	0.0	0.0	3	1
175														
200	6.0	0.0	0.0	0.0	0.0	6	0	2.0	0.0	0.0	0.0	0.0	2	0
225														
250														
275														
300	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
325														
350														
375														
400	3.0	0.0	0.0	0.0	0.0	3	0	3.1	0.0	0.0	0.0	0.0	3	0
425														
450														
475														
500	3.0	0.0	1.0	0.0	0.0	3	3	3.0	0.0	0.0	0.0	0.0	3	0
525														
550														
575														
600	3.0	0.0	0.0	0.0	0.0	3	0	3.0	0.0	0.0	0.0	0.0	3	0
625														
650														
675														
700														
725														
750	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
775														
800														
825														
850														
875														
900														
925														
950														
975														
1000	3.0	0.0	0.0	0.0	0.0	2	0							

TABLE 88

GONOSTOMA
DAY

DENUDATUM

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	50	100	150	200	300	400	500	600	750	1000
33							0.3			
34										
35										
36										
37							0.3			
38										
39							0.3			
40							0.3			
41										
42										
43										
44										
45										
46										
47								0.3		
NO./HOUR	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.3	0.0	0.0
NO. HOURS	2.0	6.0	2.0	6.0	2.0	3.0	3.0	3.0	2.0	3.0
NO. SPEC.	0	0	0	0	0	0	4	1	0	0
NO. SAMPLES	2	6	2	6	2	3	3	3	2	2

TABLE 90

GONOSTOMA
NIGHT

DENUDATUM

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	12	45	100	150	200	400	600	800	1000
16					0.3					
NO./HOUR	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0
NO. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
NO. SPEC.	0	0	0	0	1	0	0	0	0	0
NO. SAMPLES	24	3	1	1	3	3	2	1	3	3

TABLE 91

GONOSTOMA
NIGHT

DENUDATUM

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	50	100	150	200	300	400	500	600	750
18			1.0							
19			1.0							
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										
32										
33										
34										
35				0.3						
NO./HOUR	0.0	0.0	2.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0
NO. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
NO. SPEC.	0	0	2	1	0	0	0	0	0	0
NO. SAMPLES	50	1	1	3	2	3	3	3	3	3

TABLE 92

ICHTHYOCOCCUS OVATUS

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 2

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	IMMATURE MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
30				1					1
31									
32									
33									
34									
35				1					1
36									
TOTALS	0	0	0	2	0	0	0	0	2

TABLE 93

ICHTHYOCOCCUS OVATUS

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 3

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	IMMATURE MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
12		2							2
13									
14		1							1
15									
16	1								1
17		1							1
18									
19									
20									
21									
22									
23									
24									
25									
26									
27				1					1
28									
29									
30				1					1
31									
32									
33									
34									
35									
36				1					1
37									
38									
39									
TOTALS	1	4	0	3	0	0	0	0	8

TABLE 94

ICHTHYOCOCCUS OVATUS

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY							NIGHT						
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.		TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.	
SURF	2.0	0.0	0.0	0.0	0.0	2	0	11.9	0.0	0.0	0.0	0.0	24	0
25								1.5	0.0	0.0	0.0	0.0	3	0
50								2.0	0.0	0.0	0.0	0.0	1	0
75														
100	2.0	0.0	0.0	0.0	0.0	2	0	1.0	0.0	0.0	0.0	0.0	1	0
125														
150	1.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0
175														
200	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
225														
250														
275														
300	2.0	0.0	0.0	0.0	0.0	2	0							
325														
350														
375														
400	1.0	0.0	0.0	0.0	0.7	3	2	2.1	0.0	0.0	0.0	0.0	2	0
425														
450														
475														
500														
525														
550														
575														
600								1.0	0.0	0.0	0.0	0.0	1	0
625														
650														
675														
700														
725														
750														
775														
800	2.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0
825														
850														
875														
900														
925														
950														
975														
1000	1.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0

TABLE 95

ICHTHYOCOCCUS OVATUS

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY							NIGHT						
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.		TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.	
SURF								29.0	0.0	0.0	0.0	0.0	58	0
25														
50	2.0	0.0	0.0	0.0	0.0	2	0	1.1	0.0	0.0	0.0	0.0	1	0
75														
100	6.0	0.0	0.0	0.0	0.0	6	0	1.0	0.0	0.0	0.0	0.0	1	0
125														
150	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.3	3	1
175														
200	6.0	0.0	0.0	0.0	0.0	6	0	2.0	0.0	0.0	0.0	0.0	2	0
225														
250														
275														
300	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
325														
350														
375														
400	3.0	0.0	0.0	0.0	0.7	3	2	3.1	0.0	0.0	0.0	0.0	3	0
425														
450														
475														
500	3.0	0.0	0.3	0.0	0.0	3	1	3.0	0.0	1.0	0.0	0.0	3	3
525														
550														
575														
600	3.0	0.0	0.0	0.0	0.0	3	0	3.0	0.0	0.0	0.0	0.0	3	0
625														
650														
675														
700														
725														
750	2.0	0.5	0.0	0.0	0.0	2	1	3.0	0.0	0.0	0.0	0.0	3	0
775														
800														
825														
850														
875														
900														
925														
950														
975														
1000	3.0	0.0	0.0	0.0	0.0	2	0							

TABLE 96

ICHTHYOCOCCUS OVATUS
DAY

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)							
	SURF	100	150	200	300	400	800	1000
30						0.3		
31								
32								
33								
34								
35								
36						0.3		
NO./HOUR	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0
NO. HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
NO. SPEC.	0	0	0	0	0	2	0	0

TABLE 97

ICHTHYOCOCCUS OVATUS
DAY

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	50	100	150	200	300	400	500	600	750	1000
16										
17										
18							0.3		0.5	
19										
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31						0.3				
32										
33										
34										
35										
36										
37										
38										
39							0.3			
NO./HOUR	0.0	0.0	0.0	0.0	0.0	0.7	0.3	0.0	0.5	0.0
NO. HOURS	2.0	6.0	2.0	6.0	2.0	3.0	3.0	3.0	2.0	3.0
NO. SPEC.	0	0	0	0	0	2	1	0	1	0
NO. SAMPLES	2	6	2	6	2	3	3	3	2	2

TABLE 98

ICHTHYOCOCCUS QVATUS
NIGHT

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	50	100	150	200	300	400	500	600	750
12										
13								0.7		
14										
15								0.3		
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										
26										
27				0.3						
NO./HOUR	0.0	0.0	0.0	0.3	0.0	0.0	0.0	1.0	0.0	0.0
NO. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
NO. SPEC.	0	0	0	1	0	0	0	3	0	0
NO. SAMPLES	58	1	1	3	2	3	3	3	3	3

TABLE 99

HAUROLICUS MUELLERI

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 2

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGE MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
17								1	1
18									
19									
20									
21									
22			1						1
23									
24									
25									
26									
27									
28									
29									
30			1						1
31									
32					1				1
TOTALS	0	0	2	0	1	0	0	1	4

TABLE 100

MAUROLICUS MUELLERI

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY						NIGHT					
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR			NUMBER OF SAMP.-INDIV.	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR			NUMBER OF SAMP.-INDIV.
			JUVENILE	SUBADULT	ADULT				JUVENILE	SUBADULT	ADULT	
SURF	2.0	0.0	0.0	0.0	0.0	2	11.9	0.0	0.0	0.0	0.0	24
25							1.5	0.0	0.0	0.0	0.0	1
50							2.0	0.0	0.0	0.0	0.0	1
75												
100	2.0	0.0	0.0	0.0	0.0	2	1.0	0.0	0.0	1.0	0.0	
125												
150	1.0	0.0	0.0	0.0	0.0	1	3.0	0.0	0.0	0.0	0.0	3
175												
200	2.0	0.0	0.0	0.0	0.0	2	3.0	0.0	0.0	0.0	0.0	3
225												
250												
275												
300	2.0	0.0	0.0	0.0	0.0	2						
325												
350												
375												
400	3.0	0.0	0.0	0.0	0.0	3	2.1	0.0	0.0	0.0	0.0	2
425												
450												
475												
500												
525												
550												
575												
600							1.0	0.0	0.0	0.0	0.0	1
625												
650												
675												
700												
725												
750												
775												
800	2.0	0.0	0.0	0.0	0.0	1	3.0	0.0	0.0	0.0	0.0	3
825												
850												
875												
900												
925												
950												
975												
1000	1.0	0.0	0.0	0.0	0.0	1	3.0	0.0	0.0	0.0	0.0	

TABLE 101

MAUROLICUS MUELLERI
NIGHTNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	12	45	100	150	200	400	600	800	1000
17			0.5							
18										
19										
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30				1.0						
31				1.0						
32										
NO./HOUR	0.0	0.0	0.5	2.0	0.0	0.0	0.0	0.0	0.0	0.0
NO. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
NO. SPEC.	0	0	1	2	0	0	0	0	0	0
NO. SAMPLES	24	3	1	1	3	3	2	1	3	3

TABLE 102

VINCIGUERRIA ATTENUATA

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MLD 1

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
12	1								1
13	1	10							11
14		5							5
15	1	1							2
16	4	1							5
17	1								1
18	2					1			3
19									
20			1						1
21									
22			1						1
23									
24			1						1
25									
26									
27									
28									
29									
30									
31									
32				1					1
33									
TOTALS	10	21		1		1	0	0	22

TABLE 103

VINCIGUERRIA ATTENUATA

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MLD 2

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
11		1							1
12		5							5
13	1	5							6
14	5	15	1			2			23
15	21	24	5			4			55
16	11	14	1			4		4	48
17	8	2	4			12		4	48
18	2		5			5		2	23
19						7		1	11
20			2			7		1	10
21			2			2			6
22			1			1			2
23									
24			2			4			6
25			1						1
26			2						2
27									
28									
29							3		3
30							1	1	2
31			1						1
32			1						1
33				1			1		2
34									
35									
36				1					1
TOTALS	45	65	63	3		50	7	13	260

TABLE 104

VINCIGUERRIA ATTENUATA

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 3

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
10	1	4							5
11	1	1							2
12	6	6							12
13	4	12							16
14	5	15							20
15	17	16							33
16	16	11				1			28
17	5	10							15
18		7				1			8
19		5				1			6
20		1							1
21			1						1
22			2						2
23		1				1			2
24									
25									
26									
27									
28				1			3		4
29									
30				1			1		2
31									
32									
TOTALS	55	56	3	2	0	4	4	0	166

TABLE 105

VINCIGUERRIA ATTENUATA

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 4

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
13		1							1
14		4							4
15		2							2
16									
17		2							2
18			1						1
19			3			1			4
TOTALS	0	5	4	0	0	1	0	0	14

TABLE 106

VINCIGUERRIA ATTENUATA

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 5

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
11		1							1
12									
13		6							6
14	1	8							9
15		5							5
16		2							2
17		1							1
18		2							2
19		1				2			3
20									
21									
22						1			1
23						1			1
24						1			1
25			1						1
26			1						1
27			1						1
28			1						1
TOTALS	1	25	3	0	0	5	0	0	34

TABLE 107

VINCIGUERRA ATTENUATA

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY						NIGHT					
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.
SURF												
25							1.1	0.0	0.0	0.0	0.0	2 0
50							1.0	0.0	0.0	0.0	0.0	1 0
75							1.0	1.0	0.0	0.0	0.0	1 1
100												
125												
150												
175							3.0	0.3	0.0	0.0	0.0	3 1
200							1.0	0.0	0.0	0.0	0.0	1 0
225												
250	2.0			0.0	0.0	2 1	3.0	0.0	0.3	0.7	0.3	3 4
275												
300												
325												
350												
375	3.0			0.3	0.0	3 2	3.0	0.0	2.3	0.3	0.0	3 8
400												
425												
450												
475												
500	2.0			0.2	0.0	2 1						
525												
550												
575												
600												
625												
650												
675												
700							3.0	0.0	0.0	0.0	0.0	3 0
725												
750												
775												
800												
825												
850												
875												
900												
925												
950												
975												
1000												

TABLE 108

VINCIGUERRA ATTENUATA

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY						NIGHT					
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.
SURF	2.0	0.0	0.0	0.0	0.0	2 0	11.9	0.0	0.0	0.0	0.0	24 0
25							1.5	0.0	0.0	0.0	0.0	3 0
50							2.0	15.0	0.0	0.0	0.5	1 31
75												
100	2.0	0.0	0.0	0.0	0.5	2 2	1.0	0.0	0.0	2.0	4.0	1 6
125												
150	1.0	0.0	0.0	0.0	0.0	1 0	3.0	1.0	0.7	3.7	1.3	3 20
175												
200	2.0	0.0	0.0	0.0	0.0	2 0	3.0	0.7	4.0	12.3	1.0	3 54
225												
250												
275												
300	2.0	0.0	25.5	18.5	0.0	2 88						
325												
350												
375												
400	1.0	0.0	3.0	0.7	0.7	3 14	2.1	0.5	3.0	2.0	0.0	2 15
425												
450												
475												
500												
525												
550												
575												
600							1.0	4.0	1.0	0.0	0.0	1 5
625												
650												
675												
700												
725												
750												
775												
800	2.0	0.5	1.0	0.5	0.0	1 4	3.0	0.0	0.3	0.0	0.0	3 1
825												
850												
875												
900												
925												
950												
975												
1000	1.0	0.0	0.0	0.0	0.0	1 0	3.0	0.0	0.0	0.0	0.0	3 0

TABLE 109

VINCIGUERRIA ATTENUATA

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY							NIGHT						
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR		ADULT	NUMBER OF		TOTAL HOURS	POSTLARVA	NUMBER PER HOUR		ADULT	NUMBER OF	
			JUVENILE	SUBADULT		SAMP.-INDIV.				JUVENILE	SUBADULT		SAMP.-INDIV.	
SURF														
25								29.0	0.0	0.0	0.0	0.0	58	0
50	2.0	0.0	0.0	0.0	0.0	2	0	1.1	5.5	0.0	0.0	0.0	1	6
75								1.0	0.0	0.0	2.0	0.0	1	2
100	6.0	2.5	0.2	0.2	0.0	6	17	3.0	0.0	0.3	1.0	1.0	3	7
125	2.0	0.0	0.0	0.0	0.0	2	0	2.0	0.0	1.0	1.0	0.0	2	4
150														
175	6.0	0.0	0.0	0.0	0.0	6	0							
200														
225														
250														
275														
300	2.0	0.0	4.0	0.5	0.0	2	9	3.0	0.0	7.0	2.7	0.3	3	27
325														
350														
375														
400	1.0	0.0	4.0	1.7	0.3	3	19	3.1	0.0	2.0	1.0	0.0	3	6
425														
450														
475														
500	1.0	0.0	4.0	0.7	0.3	1	16	1.0	0.0	2.7	0.3	0.0	3	9
525														
550														
575														
600	3.0	3.3	1.0	0.0	0.0	3	13	3.0	3.0	0.0	0.0	0.0	3	9
625														
650														
675														
700														
725														
750	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
775														
800														
825														
850														
875														
900														
925														
950														
975														
1000	3.0	0.0	0.0	0.0	0.0	2	0							

TABLE 110

VINCIGUERRIA ATTENUATA

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY							NIGHT						
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR		ADULT	NUMBER OF		TOTAL HOURS	POSTLARVA	NUMBER PER HOUR		ADULT	NUMBER OF	
			JUVENILE	SUBADULT		SAMP.-INDIV.				JUVENILE	SUBADULT		SAMP.-INDIV.	
SURF														
25														
50														
75														
100														
125														
150														
175														
200														
225														
250														
275														
300														
325														
350														
375														
400														
425														
450														
475														
500	1.0	0.0	5.0	2.0	0.0	1	7							
525														
550														
575														
600														
625														
650														
675														
700	1.0	0.0	0.0	0.0	0.0	1	0							
725														
750														
775														
800														
825														
850														
875														
900														
925														
950														
975														
1000														

TABLE 111

VINCIGUERRIA ATTENUATA

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY						NIGHT					
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.
SURF							7.8	0.0	0.0	0.0	0.0	15 0
25												
50							1.0	0.0	0.0	0.0	0.0	1 0
75												
100							1.0	0.0	0.0	3.0	0.0	1 3
125												
150							1.0	0.0	0.0	0.0	0.0	1 0
175	1.0	0.0	1.0	0.0	0.0	1 1	1.0	0.0	0.0	2.0	0.0	1 2
200												
225												
250	1.0	0.0	0.0	0.0	0.0	1 0	1.0	0.0	5.0	1.0	0.0	1 6
275												
300												
325							1.0	0.0	0.0	0.0	0.0	1 0
350	1.0	0.0	0.0	0.0	0.0	1 0						
375												
400												
425	1.0	0.0	0.0	0.0	0.0	1 0	1.0	0.0	3.0	1.0	0.0	1 4
450												
475												
500	1.0	0.0	1.0	0.0	0.0	1 1						
525							1.0	0.0	2.0	1.0	0.0	1 3
550												
575												
600												
625												
650												
675	2.0	0.0	0.0	0.0	0.0	2 0						
700												
725												
750												
775												
800												
825												
850												
875												
900												
925												
950												
975												
1000												

TABLE 112

VINCIGUERRIA ATTENUATA
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)					
	150	235	375	500	700	940
13				2.5		
14		0.5	0.3	2.0		
15				0.5		
16						
17						
18			0.3			
NO./HOUR	0.0	0.5	0.7	5.0	0.0	0.0
NO. HOURS	3.0	2.0	3.0	2.0	3.0	3.0
NO. SPEC.	0	1	2	10	0	0
NO. SAMPLES	3	2	3	2	3	3

TABLE 112A

VINCIGUERRIA ATTENUATA
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)							
	SURF	100	150	200	300	400	800	1000
12					0.5	0.3		
13					2.0	0.3		
14					4.5	0.3	1.0	
15					9.5	1.3		
16		0.5			9.0	1.0		
17					10.5		0.5	
18					2.5		0.5	
19					3.0	0.3		
20					1.0			
21					0.5			
22					1.0			
23								
24								
25								
26						0.3		
27								
28								
29						0.3		
30		0.5						
31								
32						0.3		
NO./HOUR	0.0	1.0	0.0	0.0	44.0	4.7	2.0	0.0
NO. HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
NO. SPEC.	0	2	0	0	88	14	4	0
NO. SAMPLES	2	2	1	2	2	3	1	1

TABLE 113

VINCIGUERRIA ATTENUATA
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	50	100	150	200	300	400	500	600	750	1000
10		0.2					0.3	1.0		
11		0.2					0.3			
12		0.7					0.7			
13		0.7			0.5	0.7				
14		0.7			1.5	0.7	1.7	0.7		
15		0.3			1.0	1.7	1.0	1.6		
16					1.0	1.0		1.0		
17						1.3				
18						0.3	0.3			
19		0.2			0.5		0.3			
20							0.3			
21										
22										
23										
24										
25										
26										
27										
28						0.3	0.3			
NO./HOUR	0.0	2.8	0.0	0.0	4.5	6.0	5.3	4.3	0.0	0.0
NO. HOURS	2.0	6.0	2.0	4.0	2.0	3.0	3.0	3.0	2.0	3.0
NO. SPEC.	0	17	0	0	9	18	16	13	0	0
NO. SAMPLES	2	6	2	6	2	3	3	3	2	2

TABLE 114

VINCIGUERRIA ATTENUATA
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)	
	500	700
13	1.0	
14	2.0	
15	2.0	
16		
17		
18		
19	2.0	
NO./HOUR	7.0	0.0
NO. HOURS	1.0	1.0
NO. SPEC.	7	0
NO. SAMPLES	1	1

TABLE 115

VINCIGUERRIA ATTENUATA
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)					
	160	250	340	410	495	675
13	1.0					
14						
15					1.0	
NO./HOUR	1.0	0.0	0.0	0.0	1.0	0.0
NO. HOURS	1.0	1.0	1.0	1.0	1.0	2.0
NO. SPEC.	1	0	0	0	1	0
NO. SAMPLES	1	1	1	1	1	2

TABLE 116

VINCIGUERRIA ATTENUATA
NIGHTNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)							
	25	40	70	150	190	235	400	700
13							1.3	
14							1.0	
15								
16			1.0	0.3		0.3		
17								
18								
19							0.3	
20								
21								
22						0.3		
23								
24						0.3		
25								
26								
27								
28								
29								
30								
31								
32								
33						0.3		
NO./HOUR	0.0	0.0	1.0	0.3	0.0	1.3	2.7	0.0
NO. HOURS	1.1	1.0	1.0	3.0	1.0	3.0	3.0	3.0
NO. SPEC.	0	0	1	1	0	4	8	0
NO. SAMPLES	2	1	1	3	1	3	3	3

TABLE 117

VINCIGUERRIA ATTENUATA
NIGHTNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	12	45	100	150	200	400	600	800	1000
13							0.5			
14			1.5				2.5	1.0	0.3	
15			6.5		0.3	1.7	1.5			
16			4.5		0.3	3.0	0.5			
17			2.0		1.0	5.7	1.0			
18			0.5		1.3	3.7				
19					1.3					
20				1.0		1.3	0.5			
21					0.7	0.3	1.0			
22										
23						1.3				
24				1.0						
25					0.3					
26										
27										
28										
29			0.5		0.7	0.3				
30						0.3				
31				1.0						
32				1.0	0.3	0.3				
33				1.0	0.3					
34										
35										
36				1.0						
NO./HOUR	0.0	0.0	15.5	6.0	6.6	18.0	7.4	5.0	0.3	0.0
NO. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
NO. SPEC.	0	0	31	6	20	54	15	5	1	0
NO. SAMPLES	24	3	1	1	3	3	2	1	3	3

TABLE 118

VINCIGUERRIA ATTENUATA
NIGHTNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	50	100	150	200	300	400	500	600	750
12						1.0		1.0		
13						2.7	0.3			
14						2.7	0.3		0.7	
15		1.8				0.3		1.3	1.0	
16		0.9		0.3	1.0	0.3	0.3	0.3	1.3	
17		2.8			1.0		0.7	0.3		
18			1.0	1.0		0.3				
19						0.7				
20										
21						0.3				
22			1.0							
23						0.3	0.3			
24										
25										
26										
27										
28				0.3		0.3				
29										
30										
31										
32				0.7						
NO./HOUR	0.0	5.5	2.0	2.3	2.0	9.0	2.0	3.0	3.0	0.0
NO. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
NO. SPEC.	0	6	2	7	4	27	6	9	9	0
NO. SAMPLES	58	1	1	3	2	3	3	3	3	3

TABLE 119

VINCIGUERRIA ATTENUATA
NIGHTNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)								
	SURF	50	80	135	155	250	325	425	510
13						1.0		1.0	1.0
14						2.0		1.0	
15						2.0			1.0
16								1.0	
17								1.0	
18			2.0						
19			1.0		1.0				1.0
20									
21									
22						1.0			
23									
24					1.0				
NO./HOUR	0.0	0.0	3.0	0.0	2.0	8.0	0.0	4.0	3.0
NO. HOURS	7.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
NO. SPEC.	0	0	3	0	2	6	0	4	3
NO. SAMPLES	15	1	1	1	1	1	1	1	1

TABLE 120

VINCIGUERRIA POWELLIA

NUMBER OF SPECIMENS CAUGHT IN DISCRETE GIFT SAMPLES FROM MED 3

SIZE MM	POSTLARVAE	JUVENILES	SEMIADULT FEMALES	ADULT FEMALES	UNSTATED MALES	SEMIADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
9	1								1
10									2
11	2								4
12	2	1							3
13	1	2							15
14	5	10							11
15	6	5							8
16	6	2							10
17	8	2							5
18	1	2							1
19						1			4
20						2			2
21			2						1
22			1	1					2
23			1						1
24			1						1
25				1					
26									2
27							2		1
28				1					
29									
30									
TOTALS	25	24	5	2		1	2	0	16

TABLE 121

VINCIGUERRIA POWELLIA

NUMBER OF SPECIMENS CAUGHT IN DISCRETE GIFT SAMPLES FROM MED 4

SIZE MM	POSTLARVAE	JUVENILES	SEMIADULT FEMALES	ADULT FEMALES	UNSTATED MALES	SEMIADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
14		5							5
15		5							5
16									
17									
18						1			1
TOTALS	0	10	0			1	0		11

TABLE 122

VINCIGUERRIA POWELLIA

NUMBER OF SPECIMENS CAUGHT IN DISCRETE GIFT SAMPLES FROM MED 5

SIZE MM	POSTLARVAE	JUVENILES	SEMIADULT FEMALES	ADULT FEMALES	UNSTATED MALES	SEMIADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
12		3							3
14	1	2							3
15	1	5							6
16		1							2
17			1			3		1	5
18						1		1	2
19									
20			1			1			2
TOTALS	2	11	3			5	0	2	23

TABLE 123

VINCIGUERRIA POWERIAE

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY						NIGHT					
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.
SURF							24.0	0.0	0.0	0.0	0.0	58 0
25												
50	2.0	0.0	0.0	0.0	0.0	2 0	1.1	0.9	0.0	9.2	0.0	1 13
75												
100	6.0	0.7	0.0	0.0	0.0	6 4	1.0	0.0	0.0	0.0	1.0	1 1
125												
150	2.0	0.0	0.0	0.0	0.0	2 3	3.0	0.0	0.0	0.0	0.0	3 0
175												
200	6.0	0.0	0.0	0.2	0.0	6 1	2.0	0.5	0.0	0.0	0.0	2 1
225												
250												
275												
300	2.0	0.0	0.0	0.0	0.0	2 3	3.0	0.0	0.7	0.0	0.0	3 2
325												
350												
375												
400	3.0	0.0	0.0	0.0	0.0	3 0	3.1	0.0	0.0	0.0	0.0	3 0
425												
450												
475												
500	3.0	1.3	3.3	0.0	0.0	3 14	3.0	0.0	0.0	0.0	0.0	3 0
525												
550												
575												
600	3.0	0.0	0.0	0.0	0.0	3 0	3.0	2.0	0.0	0.0	0.0	3 6
625												
650												
675												
700												
725												
750	2.0	0.0	0.0	0.0	0.0	2 3	3.0	0.0	0.0	0.0	0.0	3 0
775												
800												
825												
850												
875												
900												
925												
950												
975												
1000	3.0	0.0	0.0	0.0	0.0	2 0						

TABLE 124

VINCIGUERRIA POWERIAE

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY						NIGHT					
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.
SURF												
25												
50												
75												
100												
125												
150												
175												
200												
225												
250												
275												
300												
325												
350												
375												
400												
425												
450												
475												
500	1.0	0.0	6.0	0.0	0.0	1 6						
525												
550												
575												
600												
625												
650												
675												
700	1.0	0.0	0.0	0.0	0.0	1 0						
725												
750												
775												
800												
825												
850												
875												
900												
925												
950												
975												
1000												

TABLE 125

VINCIGUERRIA POWERIAE

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY						NIGHT					
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR		ADULT	NUMBER OF SAMP.-INDIV.	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR		ADULT	NUMBER OF SAMP.-INDIV.
SURF												
25							7.8	0.0	0.0	0.0	0.0	15 0
50							1.0	0.0	0.0	0.0	0.0	1 0
75							1.0	0.0	7.0	0.0	0.0	1 7
100							1.0	0.0	0.0	0.0	0.0	1 0
125							1.0	0.0	0.0	0.0	0.0	1 0
150							1.0	0.0	0.0	2.0	0.0	1 2
175	1.0	0.0	0.0	0.0	0.0	1 0						
200												
225												
250	1.0	0.0	0.0	0.0	0.0	1 0	1.0	0.0	0.0	0.0	0.0	1 0
275												
300												
325							1.0	0.0	0.0	0.0	0.0	1 0
350												
375	1.0	0.0	0.0	0.0	0.0	1 0						
400												
425	1.0	0.0	0.0	0.0	0.0	1 0	1.0	1.0	0.0	0.0	0.0	1 1
450												
475												
500	1.0	0.0	0.0	0.0	0.0	1 0						
525							1.0	0.0	0.0	0.0	0.0	1 0
550												
575												
600												
625												
650												
675	2.0	0.0	0.0	0.0	0.0	2 0						
700												
725												
750												
775												
800												
825												
850												
875												
900												
925												
950												
975												
1000												

TABLE 126

VINCIGUERRIA POWERIAE
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	50	100	150	200	300	400	500	600	750	1000
12		0.2					0.3			
13		0.2					0.3			
14							2.3			
15		0.2					1.0			
16							0.7			
17		0.2								
18										
19										
20										
21				0.2						
NO./HOUR	0.0	0.7	0.0	0.2	0.0	0.0	4.7	0.0	0.0	0.0
NO. HOURS	2.0	6.0	2.0	6.0	2.0	3.0	3.0	3.0	2.0	3.0
NO. SPEC.	0	4	0	1	0	0	14	0	0	0
NJ. SAMPLES	2	6	2	6	2	3	3	3	2	2

TABLE 127

VINCIGUERRIA POWERIAE
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)	
	500	700
14	3.0	
15	3.0	
NO./HOUR	6.0	0.0
NO. HOURS	1.0	1.0
NO. SPEC.	6	0
NO. SAMPLES	1	1

TABLE 128

VINCIGUERRIA POWERIAE
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)					
	160	250	340	410	495	675
17		1.0				
NO./HOUR	0.0	1.0	0.0	0.0	0.0	0.0
NO. HOURS	1.0	1.0	1.0	1.0	1.0	2.0
NO. SPEC.	0	1	0	0	0	0
NO. SAMPLES	1	1	1	1	1	2

TABLE 129

VINCIGUERRIA POWERIAE
NIGHTNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	50	100	150	200	300	400	500	600	750
9					0.5					
10										
11										
12										
13										
14		0.9				0.3				
15						0.3			0.7	
16									0.7	
17									0.7	
18										
19		0.9								
20		2.8								
21		2.8								
22		1.5								
23		0.9								
24		0.9								
25			1.0							
26										
27										
28										
29		0.9								
NO./HOUR	0.0	12.0	1.0	0.0	0.5	0.7	0.0	0.0	2.0	0.0
NO. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	1.1	3.0	3.0	3.0
NO. SPEC.	0	13	1	0	1	2	0	0	6	0
NO. SAMPLES	58	1	1	3	2	3	3	3	3	3

TABLE 130

VINCIGUERRIA PUMERIAE
NIGHTNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)								
	SURF	50	80	135	155	250	325	425	510
13			1.0						
14			1.0						
15			5.0					1.0	
16									
17					1.0				
18					1.0				
NO./HOUR	0.0	0.0	7.0	0.0	2.0	0.0	0.0	1.0	0.0
NO. HOURS	7.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
NO. SPEC.	0	0	7	0	2	0	0	1	0
NO. SAMPLES	15	1	1	1	1	1	1	1	1

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TABLE 131

SIZE MM	POSTLAPVAC	JUV. VIL.	ADULT FEMALE	ADULT MALE	ADULT IMM.	ADULT JUV.	ADULT ADULT	TOTALS
1								1
2								2
3								2
4								11
11		1	1					2
12			1					1
13								1
14								
15			1					1
16			1					2
17								
18								5
19								5
20				1				15
21								4
22				5				41
23				4				4
24				4				6
25				4				4
26				4				4
27				4				4
28				2				2
29				1				1
TOTALS	41	2	4	41				111

TABLE 132

SIZE MM	POSTLAPVAC	JUV. VIL.	ADULT FEMALE	ADULT MALE	ADULT IMM.	ADULT JUV.	ADULT ADULT	TOTALS
1	1							1
2	26	1						27
3	1	2				1		10
11		2						2
12			2					2
13								
14								
15								
16								1
17								
18								
19								
20								1
21								1
22								1
23								4
24								4
25								15
26								10
27								2
28								4
29								1
30								2
31								7
32								7
33								
34								
35								
36								
37								
38								
39								
TOTALS	41	2	2					11

TABLE 133

AGGYPPELLEUS PERIODY-NUS

AGGYPPELLEUS PERIODY-NUS

SIZE MM	POSTERIOR	JUVENILE	ADULT PERIODY-NUS	ADULT PERIODY-NUS	ADULT PERIODY-NUS	ADULT PERIODY-NUS	ADULT PERIODY-NUS	TOTALS
1	1							1
2	1							1
3	1							1
4		1						1
5		1						1
6		1						1
7		1						1
8		1						1
9		1						1
10		1						1
11		1						1
12		1						1
13		1						1
14		1						1
15		1						1
16		1						1
17		1						1
18		1						1
19		1						1
20		1						1
21		1						1
22		1						1
23		1						1
24		1						1
25		1						1
26		1						1
27		1						1
28		1						1
29		1						1
30		1						1
TOTALS	14	14	2	1	1	1	1	34

TABLE 134

AGGYPPELLEUS PERIODY-NUS

AGGYPPELLEUS PERIODY-NUS

SIZE MM	POSTERIOR	JUVENILE	ADULT PERIODY-NUS	ADULT PERIODY-NUS	ADULT PERIODY-NUS	ADULT PERIODY-NUS	ADULT PERIODY-NUS	TOTALS
1	1							1
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
TOTALS	1	1	1	1	1	1	1	6

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TABLE 135

AGGYPPELLEUS PERIODY-NUS

AGGYPPELLEUS PERIODY-NUS

SIZE MM	POSTERIOR	JUVENILE	ADULT PERIODY-NUS	ADULT PERIODY-NUS	ADULT PERIODY-NUS	ADULT PERIODY-NUS	ADULT PERIODY-NUS	TOTALS
1	4							4
2	4							4
3		1						1
4		1						1
5		1						1
6		1						1
7		1						1
8		1						1
9		1						1
10		1						1
11		1						1
12		1						1
13		1						1
14		1						1
15		1						1
16		1						1
17		1						1
18		1						1
19		1						1
20		1						1
21		1						1
22		1						1
23		1						1
24		1						1
25		1						1
26		1						1
27		1						1
28		1						1
29		1						1
30		1						1
TOTALS	6	14	2	1	1	1	1	26

TABLE 136

ARGYROPELICES HEILYANUS

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY						NIGHT					
	TOTAL HOURS	POSTLAKVA	NUMBER PER HOUR		ADULT	NUMBER OF SAMP.-INDIV.	TOTAL HOURS	POSTLAKVA	NUMBER PER HOUR		ADULT	NUMBER OF SAMP.-INDIV.
SURF												
25							1.1	0.1	0.0	0.0	0.0	2 0
50							1.0	0.0	0.0	0.0	0.0	1 0
75							1.0	0.0	0.0	0.0	1.0	1 1
100												
125					0.0	0.0			0.0	0.0	0.0	
150					0.0	1			0.0	0.0	0.0	3 1
175									0.0	0.0	2.0	1 2
200					0.0	2			0.0	1.0	7.7	3 27
225												
250												
275												
300					1.0	0.0			0.0	0.0	0.0	
325					0.0	0.0			0.0	0.0	0.0	
350									0.0	0.0	0.0	
375					0.0	0.0			0.0	0.0	0.0	
400					0.0	0.0			0.0	0.0	0.0	
425					0.0	0.0			0.0	0.0	0.0	
450					0.0	0.0			0.0	0.0	0.0	
475					0.0	0.0			0.0	0.0	0.0	
500					0.0	0.0			0.0	0.0	0.0	
525					0.0	0.0			0.0	0.0	0.0	
550					0.0	0.0			0.0	0.0	0.0	
575					0.0	0.0			0.0	0.0	0.0	
600					0.0	0.0			0.0	0.0	0.0	
625					0.0	0.0			0.0	0.0	0.0	
650					0.0	0.0			0.0	0.0	0.0	
675					0.0	0.0			0.0	0.0	0.0	
700					0.0	0.0			0.0	0.0	0.0	
725					0.0	0.0			0.0	0.0	0.0	
750					0.0	0.0			0.0	0.0	0.0	
775					0.0	0.0			0.0	0.0	0.0	
800					0.0	0.0			0.0	0.0	0.0	
825					0.0	0.0			0.0	0.0	0.0	
850					0.0	0.0			0.0	0.0	0.0	
875					0.0	0.0			0.0	0.0	0.0	
900					0.0	0.0			0.0	0.0	0.0	
925					0.0	0.0			0.0	0.0	0.0	
950					0.0	0.0			0.0	0.0	0.0	
975					0.0	0.0			0.0	0.0	0.0	
1000					0.0	0.0			0.0	0.0	0.0	

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TABLE 137

ARGYROPELICES HEILYANUS

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY						NIGHT					
	TOTAL HOURS	POSTLAKVA	NUMBER PER HOUR		ADULT	NUMBER OF SAMP.-INDIV.	TOTAL HOURS	POSTLAKVA	NUMBER PER HOUR		ADULT	NUMBER OF SAMP.-INDIV.
SURF												
25	2.0	0.0	0.0	0.0	0.0	2 0	11.0	0.0	0.0	0.0	0.0	24 1
50							1.0	0.0	0.0	0.0	0.0	1 0
75							2.0	0.0	0.0	0.0	0.0	1 0
100												
125	2.0	0.0	0.0	0.0	0.0	2 0	1.0	0.0	0.0	0.0	0.0	1 0
150												
175	1.0	0.0	0.0	1.0	0.0	1 1	3.0	0.0	0.0	0.0	0.0	1 0
200												
225	2.0	0.0	0.0	0.0	0.0	2 0	3.0	0.0	0.0	0.0	1.0	3 4
250												
275												
300	2.0	0.0	0.0	0.0	0.0	2 0						
325												
350												
375												
400	3.0	0.0	0.0	0.0	0.0	3 0	2.1	0.0	0.0	0.0	0.0	2 0
425												
450												
475												
500												
525												
550												
575												
600												
625							1.0	0.0	0.0	0.0	0.0	1 0
650												
675												
700												
725												
750												
775												
800	2.0	0.0	0.0	0.0	0.0	1 1	3.0	0.0	0.0	0.0	0.0	1 0
825												
850												
875												
900												
925												
950												
975												
1000	1.0	0.0	0.0	0.0	0.0	1 0	3.0	0.0	0.0	0.0	0.0	3 2

TABLE 138

ARGYROPELICUS HENIGMYS

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM ME 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY						NIGHT					
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.
SURF							29.0	0.0	0.0	0.0	0.0	58 0
25												
50	2.0	0.0	0.0	0.0	0.0	2 0	1.1	0.0	0.0	0.0	0.0	1 0
75												
100	6.0	0.0	0.0	0.0	0.0	6 0	1.0	0.0	0.0	0.0	0.0	1 0
125												
150	2.0	0.0	0.0	0.0	0.0	2 0	3.0	0.0	0.0	0.0	0.0	3 0
175												
200	6.0	0.0	0.0	0.0	0.0	6 0	2.0	0.0	0.0	0.0	0.0	2 1
225												
250												
275												
300	2.0	0.0	0.5	0.0	0.5	2 2	3.0	0.0	0.3	1.3	2.3	3 12
325												
350												
375												
400	3.0	0.7	0.0	1.0	2.0	3 11	3.1	3.7	3.6	0.0	2.3	3 29
425												
450												
475												
500	3.0	0.3	0.7	0.0	2.7	3 11	3.0	0.0	0.7	0.3	2.3	3 10
525												
550												
575												
600	3.0	0.0	0.0	0.0	0.0	3 1	3.0	0.0	0.3	0.0	2.7	3 9
625												
650												
675												
700												
725												
750	2.0	0.0	0.0	0.0	0.0	2 0	3.0	0.0	0.0	0.0	0.0	3 0
775												
800												
825												
850												
875												
900												
925												
950												
975												
1000	3.0	0.0	0.0	0.0	0.0	2 0						

TABLE 139

ARGYROPELICUS HENIGMYS

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM ME 4
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY						NIGHT					
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.
25												
50												
75												
100												
125												
150												
175												
200												
225												
250												
275												
300												
325												
350												
375												
400												
425												
450												
475												
500												
525												
550												
575												
600												
625												
650												
675												
700												
725												
750												
775												
800												
825												
850												
875												
900												
925												
950												
975												
1000												

TABLE 140

ARGYROPELECUS HENIGMYNUS

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY						NIGHT					
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.
SURF							7.8	0.0	0.0	0.0	0.0	15 0
25												
50							1.0	0.0	0.0	0.0	0.0	1 0
75												
100							1.0	0.0	0.0	0.0	0.0	1 0
125												
150							1.0	0.0	0.0	0.0	1.0	1 1
175	1.0	0.0	0.0	0.0	0.0	1 0	1.0	0.0	0.0	0.0	1.0	1 1
200												
225												
250	1.0	0.0	0.0	0.0	0.0	1 0	1.0	0.0	0.0	0.0	0.0	1 0
275												
300												
325							1.0	0.0	0.0	0.0	2.0	1 2
350	1.0	0.0	0.0	0.0	0.0	1 0						
375												
400												
425	1.0	0.0	0.0	0.0	0.0	1 0	1.0	5.0	7.0	1.0	2.0	1 15
450												
475												
500	1.0	0.0	1.0	0.0	0.0	1 1						
525							1.0	1.0	1.0	1.0	1.0	1 4
550												
575												
600												
625												
650												
675	2.0	0.0	0.0	0.0	0.0	2 0						
700												
725												
750												
775												
800												
825												
850												
875												
900												
925												
950												
975												
1000												

TABLE 141

ARGYROPELECUS HENIGMYNUS
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)					
	150	235	375	500	700	940
6			0.7			
7			1.0	1.0		
8			2.3			
9						
10						
11			0.3			
12						
13						
14						
15						
16			0.7			
17						
18				0.5		
19						
20			1.0			
21	0.3		1.3			
22			1.7	0.5	0.7	
23			1.0			
24			0.7			
25			0.3	1.0		
26			0.3			
27			0.3			
28			0.3			
29			0.3			
NO./HOUR	0.3	0.0	12.3	3.0	0.7	0.0
NO. HOURS	3.0	2.0	3.0	2.0	3.0	3.0
NO. SPEC.	1	0	37	6	2	0
NO. SAMPLES	3	2	3	2	3	3

TABLE 142

ARGYROPELECUS HEMIGYMNUS
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)							
	SURF	100	150	200	300	400	800	1000
7						0.7		
8					1.0	1.3		
9					1.0	1.0	0.5	
10					1.0			
11					1.0			
12						0.3		
13								
14								
15			1.0					
16								
17								
18								
19						0.3		
20								
21								
22						0.7		
23						1.0		
24						1.3		
25						0.7		
26						0.7		
27						0.7		
28						0.3		
29								
30								
31						0.3		
NO./HOUR	0.0	0.0	1.0	0.0	4.0	9.3	0.5	0.0
NO. HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
NO. SPEC.	0	0	1	0	8	28	1	0
NO. SAMPLES	2	2	1	2	2	3	1	1

TABLE 143

ARGYROPELECUS HEMIGYMNUS
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	50	100	150	200	300	400	500	600	750	1000
6						0.3				
7						0.3	0.3			
8										
9										
10										
11					0.5		0.3			
12							0.3			
13										
14										
15										
16						0.3				
17						0.7				
18										
19										
20										
21							0.3			
22					0.5		0.3			
23						0.3	0.7			
24						0.3				
25						0.7	0.7			
26						0.7	0.3			
27										
28							0.3			
29								0.3		
NO./HOUR	0.0	0.0	0.0	0.0	1.0	3.7	3.7	0.3	0.0	0.0
NO. HOURS	2.0	6.0	2.0	6.0	2.0	3.0	3.0	3.0	2.0	3.0
NO. SPEC.	0	0	0	0	2	11	11	1	0	0
NO. SAMPLES	2	6	2	6	2	3	3	3	2	2

TABLE 144

ARGYROPELECUS HEMIGYMNUS
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)	
	500	700
7		1.0
8		
9		
10		
11		
12		
13		1.0
NO./HOUR	0.0	2.0
NO. HOURS	1.0	1.0
NO. SPEC.	0	2
NO. SAMPLES	1	1

TABLE 145

ARGYROPELECUS HEMIGYMNUS
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)					
	160	250	340	410	495	675
8					1.0	
NO./HOUR	0.0	0.0	0.0	0.0	1.0	0.0
NO. HOURS	1.0	1.0	1.0	1.0	1.0	2.0
NO. SPEC.	0	0	0	0	1	0
NO. SAMPLES	1	1	1	1	1	2

TABLE 146

ARGYROPELECUS HEMIGYMNUS
NIGHTNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)							
	25	40	70	150	190	235	400	700
5							0.3	
6							1.7	
7							1.5	
8								
9								
10								
11						0.3		
12							0.3	
13								
14								
15								
16						0.3		
17						0.7	0.3	
18								
19								
20								
21						1.7		
22						1.0		
23						2.0		
24			1.0			1.0	1.0	
25						1.0		
26					2.0	3.3	0.7	
27						3.3	0.7	
28				0.3		0.3	0.3	
NO./HOUR	0.0	0.0	1.0	0.3	2.0	9.0	7.0	0.3
NO. HOURS	1.0	1.0	1.0	3.0	1.0	3.0	3.0	3.0
NO. SPEC.	0	0	1	1	2	27	21	1
NO. SAMPLES	2	1	1	3	1	3	3	3

TABLE 147

ARGYROPELECUS HEMIGYMNUS
NIGHTNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	12	45	100	150	200	400	600	800	1000
7							2.5			
8							5.4			
9							1.0			
10										
11							0.5			
12							0.5			
13										
14										
15										
16										
17										
18										
19										
20										
21						0.3				0.3
22							0.5			
23						0.3				
24						0.7	1.4			
25							4.4			
26							1.0			0.3
27										
28										
29										
30							0.5			
31										
32										
33										
34										
35										
36										
37										
38										
39	0.08									
NO./HOUR	0.1	0.0	0.0	0.0	0.0	1.3	17.5	0.0	0.0	0.7
NO. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
NO. SPEC.	1	0	0	0	0	4	36	0	0	2
NO. SAMPLES	24	3	1	1	3	3	2	1	3	3

TABLE 148

ARGYROPELECUS HEMIGYMNUS
NIGHTNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	50	100	150	200	300	400	500	600	750
7							1.7			
8							1.7			
9							1.9			
10							0.3		0.3	
11							0.7	0.7		
12							0.3			
13						0.3	0.7			
14										
15										
16										
17						0.3				
18										
19						0.3				
20						0.3	0.6	0.3		
21						0.3				
22										
23						1.3	0.3	0.3		
24						0.3		0.7		
25					0.5		0.3			
26							0.3	0.3		
27						0.7		0.3		
28							0.3	0.3	1.0	
29							0.3	0.3		
30										
31									0.3	
32									1.3	
NO./HOUR	0.0	0.0	0.0	0.0	0.5	4.0	9.5	3.3	3.0	0.0
NO. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
NO. SPEC.	0	0	0	0	1	12	29	10	7	0
NO. SAMPLES	58	1	1	3	2	3	3	3	3	3

TABLE 149

ARGYROPELFCUS HEMIGYMNUS
NIGHTNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM NET 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)								
	SURF	20	80	135	155	250	325	425	510
6								3.0	
7								5.0	1.0
8								3.0	
9									
10								1.0	
11									
12									
13									1.0
14									
15									
16									
17								1.0	1.0
18									
19									
20									
21									
22									
23									
24								1.0	
25							1.0		
26									1.0
27							1.0		
28									
29									
30									
31									
32					1.0				
33								1.0	
34									
35									
36				1.0					
NO./HOUR	0.0	0.0	0.0	1.0	1.0	0.0	2.0	15.0	4.0
NO. HOURS	7.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
NO. SPEC.	0	0	0	1	1	0	2	15	4
NO. SAMPLES	15	1	1	1	1	1	1	1	1

TABLE 150

ARGYROPELFCUS HEMIGYMNUS

NUMBER OF SPECIMENS

CAUGHT IN DISCRETE DEPTH SAMPLES FROM NET 2

SIZE MM	POSTERIOR	JUV. MALES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGE MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
6				1					1
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									
29									
30									
31									
32									
33									
34									
35									
36									
TOTAL	0	0	0	1	0	0	0	0	1

TABLE 151

ARGYROPELFCUS HEMIGYMNUS

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM NET 2

SIZE MM	POSTERIOR	JUV. MALES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGE MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
6				1					1
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									
29									
30									
31									
32									
33									
34									
35									
36									
TOTAL	0	0	0	1	0	0	0	0	1

TABLE 152

BATHIPHILUS NIGERRIMUS

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY							NIGHT						
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR		ADULT	NUMBER OF		TOTAL HOURS	POSTLARVA	NUMBER PER HOUR		ADULT	NUMBER OF	
			JUVENILE	SUBADULT		SAMP.-INDIV.				JUVENILE	SUBADULT		SAMP.-INDIV.	
SURF	2.0	0.0	0.0	0.0	0.0	2	0	11.0	0.0	0.0	0.0	0.0	24	0
25								1.5	0.0	0.0	0.0	0.0	3	0
50								2.0	0.0	0.0	0.0	0.5	1	1
75														
100	2.0	0.0	0.0	0.0	0.0	2	0	1.0	0.0	0.0	0.0	0.0	1	0
125														
150	1.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0
175														
200	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
225														
250														
275														
300	2.0	0.0	0.0	0.0	0.0	2	0							
325														
350														
375														
400	3.0	0.0	0.0	0.0	0.0	3	0	2.1	0.0	0.0	0.0	0.0	2	0
425														
450														
475														
500														
525														
550														
575														
600								1.0	0.0	0.0	0.0	0.0	1	0
625														
650														
675														
700														
725														
750														
775														
800	2.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0
825														
850														
875														
900														
925														
950														
975														
1000	1.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0

TABLE 153

BATHIPHILUS NIGERRIMUS

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY							NIGHT						
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR		ADULT	NUMBER OF		TOTAL HOURS	POSTLARVA	NUMBER PER HOUR		ADULT	NUMBER OF	
			JUVENILE	SUBADULT		SAMP.-INDIV.				JUVENILE	SUBADULT		SAMP.-INDIV.	
SURF								29.0	0.0	0.0	0.0	0.0	58	0
25								1.1	0.0	0.0	0.0	0.0	1	0
50	2.0	0.0	0.0	0.0	0.0	2	0							
75								1.0	0.0	0.0	0.0	0.0	1	0
100	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
125														
150	2.0	0.0	0.0	0.0	0.0	2	0	2.0	0.0	0.0	0.0	0.0	2	0
175														
200	2.0	0.0	0.0	0.0	0.0	2	0							
225														
250														
275	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
300														
325														
350														
375														
400	1.0	0.0	0.0	0.0	0.0	3	0	3.1	0.0	0.0	0.0	0.0	3	0
425														
450														
475														
500	3.0	0.0	0.0	0.0	0.0	3	0	3.0	0.0	0.0	0.0	0.0	3	0
525														
550														
575														
600	3.0	0.0	0.0	0.0	0.0	3	1	3.0	0.0	0.0	0.0	0.0	3	0
625														
650														
675														
700														
725														
750	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
775														
800														
825														
850														
875														
900														
925														
950														
975														
1000	3.0	0.0	0.0	0.0	0.0	3	0							

TABLE 154

BATHOPHILUS NIGERRIMUS
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	50	100	150	200	300	400	500	600	750	1000
68								0.3		
NO./HOUR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
NO. HOURS	2.0	6.0	2.0	6.0	2.0	3.0	3.0	3.0	2.0	3.0
NO. SPEC.	0	0	0	0	0	0	0	1	0	0
NO. SAMPLES	2	6	2	6	2	3	3	3	2	2

TABLE 155

BATHOPHILUS NIGERRIMUS
NIGHTNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	12	45	100	150	200	400	600	800	1000
81			0.5							
NO./HOUR	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NO. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
NO. SPEC.	0	0	1	0	0	0	0	0	0	0
NO. SAMPLES	24	3	1	1	3	3	2	1	3	3

TABLE 186

STERIAS PEA COA

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MCG 1

SIZE MM	POSTLARVAL	JUVENILES	IMMATURE FEMALES	ADULT FEMALES	IMMATURE MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
22		1							1
23									
24									
25									
27		2							2
28									
29		1							1
31									
32									
34									
35									
36									
37									
38									
40		1							1
41									
42									
43									
44		1							1
45									
46									
47									
48									
51		4							4
52									
53		4							4
54									
55		1							1
56									
57									
58									
59									
60									
61									
62									
63									
64									
65									
66									
67									
68									
69									
70									
71									
72									
73									
74									
75									
76									
77									
78									
79		1							1
80		1							1
81									
82		1							1
83									
84									
85		1							1
86		1							1
87									
88									
89									
90									
91									
92									
93									
94									
95									
96									
97									
98									
99									
100									
101									
102									
103									
104									
105									
106									
107									
108									
109									
110									
111									
112									
113									
114									
115									
116									
117									
118									
119									
120									
TOTAL		25							25

TABLE 157

STELMAS L.A. & A.

NUMBER OF SPECIMENS CAUGHT IN DISCRETE LOTTE SAMPLES FROM 1962

SIZE MM	POSTLUMEN	JUV. FLEES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	C. LUMENATION	TOTALS
34		1							1
35									
36									
37									
38									
39									
40		1							1
41		2							2
42									
43									
44		1							1
45									
46									
47		2							2
48									
49		2							2
50		1							1
51		2							2
52		1							1
53									
54									
55		2							2
56		2							2
57									
58									
59		2							2
60		1							1
61									
62		1							1
63		1							1
64		1							1
65		1							1
66									
67		1							1
68									
69									
70		1							1
71									
72									
73									
74		1							1
127						1			1
TOTALS	C	26	C	C		1	C	C	29

TABLE 158

STEMIAS FGA EDA

NUMBER OF SPECIMENS CAUGHT IN DISCRETE WATER SAMPLES BY MONTH

DATE	POSTLARVAE	JUVENILES	SEMIADULT FEMALES	ADULT FEMALES	CASTLE FEMALES	SEMIADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
45		1							1
46									
47									
48									
49									
50									
51		1							1
52		1							2
53									
54									
55		1							1
56									
57		1							1
58		1							1
59		1							1
60		1							1
61		1							1
62		1							1
63		1							1
64		1							1
65		1							1
66		1							1
67		1							1
68		1							1
69		1							1
70		1							1
71		1							1
72		1							1
73		1							1
74		1							1
75		1							1
76		1							1
77		1							1
78		1							1
79		1							1
80		1							1
81		1							1
82		1							1
83		1							1
84		1							1
85		1							1
86		1							1
87		1							1
88		1							1
89		1							1
90		1							1
91		1							1
92		1							1
93		1							1
94		1							1
95		1							1
96		1							1
97		1							1
98		1							1
99		1							1
100		1							1
TOTALS	1	10				2	1	1	14

TABLE 159

STEMIAS FGA EDA

NUMBER OF SPECIMENS CAUGHT IN DISCRETE WATER SAMPLES BY MONTH

DATE	POSTLARVAE	JUVENILES	SEMIADULT FEMALES	ADULT FEMALES	CASTLE FEMALES	SEMIADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
45		1							1
46									
47									
48									
49									
50									
51									
52									
53									
54									
55									
56		1							1
57		1							1
58		1							1
59		1							1
60		1							1
61		1							1
62		1							1
63		1							1
64		1							1
65		1							1
66		1							1
67		1							1
68		1							1
69		1							1
70		1							1
71		1							1
72		1							1
73		1							1
74		1							1
75		1							1
76		1							1
77		1							1
78		1							1
79		1							1
80		1							1
81		1							1
82		1							1
83		1							1
84		1							1
85		1							1
86		1							1
87		1							1
88		1							1
89		1							1
90		1							1
TOTALS	1	1	1						3

TABLE 160

STATION: 31A 30A

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED. 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY						NIGHT					
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.
SURF												
25							1.1	0.0	0.0	0.0	0.0	2
50							1.1	0.0	0.0	0.0	0.0	1
75							1.1	0.0	1.0	0.0	0.0	1
100												
125												
150	3.0	0.0	1.0	0.3	0.0	3	3.0	0.0	0.3	0.0	0.0	2
175												
200							1.0	0.0	3.0	0.0	0.0	1
225												
250	2.0	0.0	0.0	0.0	0.0	2	3.0	0.0	0.0	0.0	0.0	1
275												
300												
325												
350												
375	3.0	0.0	1.0	0.0	0.0	3						
400							1.0	0.0	0.0	0.0	0.0	1
425												
450												
475												
500	2.0	0.0	0.0	0.0	0.0	2						
525												
550												
575												
600												
625												
650												
675												
700												
725	0.0	0.0	1.0	0.3	0.0	3	0.0	0.0	1.0	0.0	0.0	1
750												
775												
800												
825												
850												
875												
900												
925												
950	0.0	0.0	0.0	0.0	0.0	3						
975												
1000												

TABLE 161

STATION: 31A 30A

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED. 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY						NIGHT					
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.
SURF	2.0	0.0	0.0	0.0	0.0	2	11.0	0.0	0.0	0.0	0.0	2
25							1.5	0.0	2.0	0.0	0.0	1
50							2.0	0.0	4.5	0.0	0.0	1
75												
100	2.0	0.0	2.5	0.0	0.0	2	1.0	0.0	0.0	0.0	0.0	
125												
150	1.0	0.0	0.0	0.0	0.0	1	3.0	0.0	0.0	0.0	0.0	
175												
200	2.0	0.0	0.0	0.0	0.0	2	3.0	0.0	0.0	0.0	0.0	1
225												
250												
275												
300	2.0	0.0	0.0	0.0	0.0	2						
325												
350												
375												
400	1.0	0.0	0.0	0.0	0.0	1	2.1	0.0	0.5	0.0	0.0	1
425												
450												
475												
500												
525												
550												
575												
600							1.0	0.0	0.0	0.0	0.0	1
625												
650												
675												
700												
725												
750												
775												
800	2.0	0.0	0.0	0.0	0.0	1	3.0	0.0	0.0	0.0	0.0	1
825												
850												
875												
900												
925												
950												
975												
1000	1.0	0.0	0.0	0.0	0.0	1	1.0	0.0	0.0	0.0	0.0	1

TABLE 162

STOMIAS OJA OJA

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY							NIGHT						
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.		TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.	
SURF								29.0	0.0	0.0	0.0	0.0	58	0
25														
50	2.0	0.0	0.0	0.0	0.0	2	0	1.1	0.0	0.0	0.0	0.0	1	0
75														
100	5.0	0.0	0.2	0.0	0.0	6	1	1.0	0.0	2.0	0.0	0.0	1	2
125														
150	2.0	0.0	1.5	0.0	0.0	2	3	3.0	0.0	0.0	0.0	0.0	3	0
175														
200	6.0	0.0	0.3	0.2	0.0	6	3	2.0	0.0	0.5	0.0	0.0	2	1
225														
250														
275														
300	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.7	0.0	0.0	3	2
325														
350														
375														
400	3.0	0.0	0.0	0.0	0.0	3	0	3.1	0.0	0.0	0.0	0.0	3	0
425														
450														
475	3.0	0.0	0.0	0.0	0.0	3	0	3.0	0.0	0.0	0.0	0.0	3	0
500														
525														
550														
575														
600	1.0	0.0	3.6	0.0	0.0	3	11	3.0	0.0	0.0	0.0	0.0	3	0
625														
650														
675														
700														
725														
750	2.0	0.0	0.0	1.0	0.0	2	2	3.0	0.0	1.0	0.3	0.0	3	4
775														
800														
825														
850														
875														
900														
925														
950														
975														
1000	3.0	0.0	0.7	0.0	0.0	2	2							

TABLE 163

STOMIAS OJA OJA

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY							NIGHT						
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.		TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.	
SURF								7.8	0.0	0.0	0.0	0.0	15	0
25														
50								1.0	0.0	0.0	2.0	0.0	1	2
75														
100								1.0	0.0	0.0	0.0	0.0	1	0
125														
150								1.0	0.0	0.0	0.0	0.0	1	0
175	1.0	0.0	0.0	0.0	0.0	1	0	1.0	0.0	1.0	0.0	0.0	1	1
200														
225														
250	1.0	0.0	0.0	1.0	0.0	1	1	1.0	0.0	0.0	0.0	0.0	1	0
275														
300														
325								1.0	0.0	0.0	0.0	0.0	1	0
350	1.0	0.0	0.0	0.0	0.0	1	0							
375														
400														
425	1.0	0.0	0.0	0.0	0.0	1	0	1.0	0.0	1.0	0.0	0.0	1	1
450														
475														
500	1.0	0.0	0.0	0.0	0.0	1	0	1.0	0.0	0.0	0.0	0.0	1	0
525														
550														
575														
600														
625														
650														
675	2.0	0.0	0.0	0.0	0.0	2	0							
700														
725														
750														
775														
800														
825														
850														
875														
900														
925														
950														
975														
1000														

TABLE 164

STOMIAS BOA BOA
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTH SAMPLED (M)					
	150	235	375	500	700	940
22					0.3	
40	0.3					
41						
42						
43						
44						
45						
46						
47						
48						
49						
50			0.3	0.5		
51			0.3		0.3	
52						
53						
54						
55						
56			0.3			
57						
58						
59						
60					0.3	
61						
62						
63						
64						
65						
66			0.3			
67						
68						
69						
70	0.3					
79					0.3	
80					0.3	
81						
82						
83						
84						
85	0.3					
117					0.3	
118						
119						
120	0.3					
NO./HOUR	1.3	0.0	1.3	0.5	2.0	0.0
NO. HOURS	3.0	2.0	3.0	2.0	3.0	3.0
NO. SPEC.	4	0	4	1	6	0
NO. SAMPLES	3	2	3	2	3	3

TABLE 165

STOMIAS BOA BOA
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)							
	SURF	100	150	200	300	400	800	1000
52		0.5						
53								
54								
55								
56								
57								
58								
59		0.5						
60		0.5						
61								
62								
63		0.5						
64								
65								
66								
67								
68								
69								
70								
71								
72								
73								
74		0.5						
NO./HOUR	0.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0
NO. HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
NO. SPEC.	0	5	0	0	0	0	0	0
NO. SAMPLES	2	2	1	2	2	3	1	1

TABLE 166

STOMIAS BOA BOA
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	50	100	150	200	300	400	500	600	750	1000
25										0.2
26										
27										
28										
29										
30										
31								0.3		
32								0.3		
33										
34										
35										
36										
37								0.3		
38										
39										
40										
41								0.3		
42			0.5					0.3		
43										
44								0.3		
45										
46								0.3		
47								0.7		
48										
49		0.2		0.2				0.3		
50								0.3		
51										
52										
53										
54										
55			1.0							
56										
57										
58										
59										
60										0.5
61										
62										
63										
64										
65										
66				0.2						
67										
68										
69										
70										
71										
72										
73										
74										
75										
76										
77										
78										
79										
80										
81										
82										
83										
84										
85										
86										
87										
88										
89										
90										
91										
92										
93										
94										
95										
96										
97										
98										
99										
100										
101										
102										
103										
104										
105										
106										
107										
108									0.5	
109									0.5	
110										
111										
112										
113										
114										
115										
116										
117										
118										
119										
120										
121										
NO./HOUR	0.0	0.2	1.5	0.5	0.0	0.0	0.0	3.6	1.0	0.7
NO. HOURS	2.0	6.0	2.0	6.0	2.0	3.0	3.0	3.0	2.0	3.0
NO. SPEC.	0	1	3	3	0	0	0	11	2	2
NO. SAMPLES	2	6	2	6	2	3	3	3	2	2

TABLE 167

STOMIAS BOA BOA
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)					
	160	250	340	410	495	675
90		1.0				
NO./HOUR	0.0	1.0	0.0	0.0	0.0	0.0
NO. HOURS	1.0	1.0	1.0	1.0	1.0	2.0
NO. SPEC.	0	1	0	0	0	0
NO. SAMPLES	1	1	1	1	1	2

TABLE 168

STOMIAS BJA BJA
NIGHTNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)							
	25	40	70	150	190	235	400	700
28					1.0	0.3		
29								
30			1.0					
50								
51								0.3
52				0.3				
53								
54								
55								
56								0.3
57								
58								
59								
60								
61								
62								
63								
64								
65								
66								
67								
68								
69								
70								
71								
72								
73					1.0			
74								
75								
76								
77								
78								
79								
80								
81								
82								
83								
84								
85								
86								
NO./HOUR	0.0	0.0	1.0	0.3	3.0	0.3	0.0	1.0
NO. HOURS	1.1	1.0	1.0	3.0	1.0	1.0	3.0	1.0
NO. SPEC.	0	0	1	1	3	1	0	3
NO. SAMPLES	2	1	1	3	1	1	3	3

TABLE 169

STOMIAS BOA BOA
NIGHTNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	12	45	100	150	200	400	600	800	1000
34										
35		0.9								
36										
37										
38										
39										
40										
41		0.5	0.5							
42										
43										
44										
45							0.5			
46										
47			0.5							
48										
49					0.3					
50										
51			1.0							
52										
53										
54										
55			0.5							
56										
57										
58										
59			0.5							
60										
61										
62			0.5							
63										
64			0.5							
65			0.5							
NO./HOUR	0.0	2.0	4.5	0.0	0.3	0.0	0.5	0.0	0.0	0.0
NO. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
NO. SPEC.	0	3	9	0	1	0	1	0	0	0
NO. SAMPLES	24	3	1	1	3	3	2	1	3	3

STOMACH BOA BOA
NIGHT

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	50	100	150	200	300	400	500	600	750
40										0.3
41										
42										
43										
44										
45										0.3
46										
47										
48										
49										
50										
51										0.3
52					0.5					
53			1.0							
54						0.3				
55										
56										
57										
58										
59										
60										
61										
62										
63										
64										
65										
66										
67										
68										
69										
70						0.3				
71										
72			1.0							
73										
74										
75										
76										
77										
78										
79										
80										
81										
82										
83										
84										
85										
86										
87										
88										
89										
90										
91										
92										
93										
94										
95										
96										
97										
98										
99										
100										
NO./HOUR	0.0	0.0	2.0	0.0	0.5	0.7	0.0	0.0	0.0	1.3
NO. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
NO. SPEC.	0	0	2	0	1	2	0	0	0	4
NO. SAMPLES	58	1	1	3	2	3	3	3	3	

STOBIAS BOA BOA
NIGHT

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)								
	SURF	50	80	135	155	250	325	425	510
56									
57					1.0				
58									
60									
89								1.0	
90		1.0							
NO./HOUR	0.0	2.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0
NO. HOURS	7.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
NO. SPEC.	0	2	0	0	1	0	0	1	0
NO. SAMPLES	15	1	1	1	1	1	1	1	

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TABLE 173

CHAULILOCUS SLEANI

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM VES 2

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
38		1							1
39		1							1
40									2
41		2							
42									
43									
44									1
45		1							1
46		1							1
47		1							1
48		1							
49									
50									
51									1
52		1							1
53		1							
54									
55									2
56		2							4
57		4							
58									
59									
60									
61									
62									
63									
64									
65									1
66		1							1
67			1						
134									10
TOTALS	C	15	1						

TABLE 174

CHAULILOCUS SLEANI

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM VES 2

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
38		2							2
39		2							2
40		1							1
41		2							2
42		1							1
43		2							2
44		2							2
45		4							4
46		2							2
47		1							1
48		2							2
49		4							4
50									
51									
52									
53		2							2
54									
55		1							1
56									
57									
58									
59									
60		1							1
61									
62									
63									
64									
65									
66									
67									
68									
69									
70									
71									
72									
73									
74									
75									
76									
77									
78									
79									
80									
81									
82									
83									
84									
85									
86									
87									
88									
89									
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92									
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96									
97									
98									
99									
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101									
102									
103									
104									
105									
106									
107									
108									
109									
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112									
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115									
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117									
118									
119									
120									
121									
122									
123									
124									
125									
126									
127									
128									
129									
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189									
190									
191									
192									
193									
194									
195									
196									
197									
198									
199									
200									
TOTALS	C	46							46

TABLE 175

CHAULIODUS SLOANI

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 4

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
24		1							1
25									
26									
27									
28									1
29		1							1
30						1			1
TOTALS	0	2	0	0	0	1	0	0	3

TABLE 176

CHAULIODUS SLOANI

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 5

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
23		1							1
24									1
25		1							
26									
27									1
28									2
29		1							1
30		2							2
31		1							1
32		2							2
33		1							1
34									
35									
36									1
37		1							
38									
39									2
40		2							
41		1							1
42									
43						1			1
TOTALS	0	13	0	0	0	1	0	0	14

TABLE 177

CHAULIODUS SLOANI

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY						NIGHT					
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	NUMBER PER HOUR SUBADULT	NUMBER PER HOUR ADULT	NUMBER OF SAMP.-INDIV.	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	NUMBER PER HOUR SUBADULT	NUMBER PER HOUR ADULT	NUMBER OF SAMP.-INDIV.
SURF												
25							1.1	0.0	0.0	0.0	0.0	2 0
50							1.0	0.0	0.0	0.0	0.0	1 0
75							1.0	0.0	0.0	0.0	0.0	1 0
100												
125												
150	3.0	0.0	0.0	0.0	0.0	3 0	3.0	0.0	0.0	0.0	0.0	3 0
175												
200							1.0	0.0	0.0	0.0	0.0	1 0
225												
250	2.0	0.0	0.0	0.0	0.0	2 0	3.0	0.0	0.0	0.0	0.0	3 0
275												
300												
325												
350	3.0	0.0	0.0	0.0	0.0	3 0						
375							3.0	0.0	0.0	0.0	0.0	3 0
400												
425												
450												
475												
500	2.0	0.0	0.0	0.0	0.0	2 0						
525												
550												
575												
600												
625												
650												
675	0.0	0.0	0.7	0.0	0.0	3 2	3.0	0.0	0.0	0.3	0.3	3 2
700												
725												
750												
775												
800												
825												
850												
875												
900												
925	3.0	0.0	0.0	0.0	0.0	3 1						
950												
975												
1000												

TABLE 178

CHAULIODUS SLOANI

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY							NIGHT						
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.		TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.	
SURF	2.0	0.3	0.0	0.0	0.0	2	0	11.9	0.0	0.0	0.0	0.0	24	0
25								1.5	0.0	0.0	0.0	0.0	3	0
50								2.0	0.0	1.5	0.0	0.0	1	3
75														
100	2.0	0.0	1.0	0.0	0.0	2	2	1.0	0.0	0.0	0.0	0.0	1	0
125														
150	1.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0
175														
200	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
225														
250														
275														
300	2.0	0.3	0.0	0.0	0.0	2	0							
325														
350														
375														
400	2.0	0.0	0.3	0.0	0.0	3	1	2.1	0.0	0.0	0.0	0.0	2	0
425														
450														
475														
500														
525														
550														
575														
600								1.0	0.0	1.0	0.0	0.0	1	1
625														
650														
675														
700														
725														
750														
775														
800	2.0	0.3	0.0	0.0	0.0	1	1	3.0	0.0	0.0	0.0	0.0	3	0
825														
850														
875														
900														
925														
950														
975														
1000	1.0	0.3	0.0	0.0	0.0	1	3	3.0	0.0	0.0	0.0	0.0	3	0

TABLE 179

CHAULIODUS SLOANI

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY							NIGHT						
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.		TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.	
SURF								29.0	0.0	0.0	0.0	0.0	58	0
25														
50	2.0	0.0	0.0	0.0	0.0	2	0	1.1	0.0	0.0	0.0	0.0	1	0
75														
100	6.0	0.0	0.0	0.0	0.0	6	0	1.0	0.0	3.0	0.0	0.0	1	3
125														
150	2.0	0.0	0.5	0.0	0.0	2	1	3.0	0.0	0.0	0.0	0.0	3	0
175														
200	6.0	0.0	0.2	0.0	0.0	6	1	2.0	0.0	0.0	0.0	0.0	2	0
225														
250														
275														
300	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
325														
350														
375														
400	3.0	0.0	0.0	0.0	0.0	3	0	3.1	0.0	0.0	0.0	0.0	3	0
425														
450														
475														
500	3.0	0.0	2.7	0.0	0.0	3	8	3.0	0.0	2.0	0.0	0.0	3	6
525														
550														
575														
600	3.0	0.0	4.6	0.0	0.0	3	14	3.0	0.0	1.3	0.0	0.0	3	4
625														
650														
675														
700														
725														
750	2.0	0.0	1.5	0.0	0.0	2	3	3.0	0.0	0.0	0.0	0.0	3	0
775														
800														
825														
850														
875														
900														
925														
950														
975														
1000	0.0	0.0	0.0	0.0	0.0	2	0							

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TABLE 180

CHAULIODUS SLOANII

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY						NIGHT					
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.
SURF												
25												
50												
75												
100												
125												
150												
175												
200												
225												
250												
275												
300												
325												
350												
375												
400												
425												
450												
475												
500	1.0	0.0	2.0	0.0	0.0	1	0					
525												
550												
575												
600												
625												
650												
675	1.0	0.0	0.0	0.0	0.0	1	0					
700												
725												
750												
775												
800												
825												
850												
875												
900												
925												
950												
975												
1000												

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TABLE 181

CHAULIODUS SLOANII

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY						NIGHT					
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.
SURF							7.0	0.0	0.0	0.0	0.0	15
25												
50							1.0	0.0	0.0	0.0	0.0	1
75												
100							1.0	0.0	1.0	0.0	0.0	1
125												
150							1.0	0.0	2.0	0.0	0.0	1
175	1.0	0.0	0.0	0.0	0.0	1	1.0	0.0	0.0	0.0	0.0	2
200												
225												
250	1.0	0.0	0.0	0.0	0.0	1	1.0	0.0	0.0	0.0	0.0	0
275												
300												
325												
350	1.0	0.0	0.0	0.0	0.0	1	1.0	0.0	0.0	0.0	0.0	0
375												
400												
425	1.0	0.0	0.0	0.0	0.0	1	1.0	0.0	1.0	0.0	0.0	1
450												
475												
500	1.0	0.0	0.0	0.0	0.0	1						
525							1.0	0.0	1.0	0.0	0.0	1
550												
575												
600												
625												
650												
675	2.0	0.0	0.0	0.5	0.0	2						
700												
725												
750												
775												
800												
825												
850												
875												
900												
925												
950												
975												
1000												

TABLE 182

CHAULIUS SLOANE
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)					
	150	225	375	500	700	960
36					0.3	
41					0.3	
106						
107						
109						
110						
111						0.3
NO. HOUR	0.0	0.0	0.0	0.0	0.7	0.3
NO. HOURS	1.0	2.0	3.0	2.0	3.0	3.0
NO. SPEC.	1	0	0	0	2	1
NO. SAMPLES	1	1	1	2	1	1

TABLE 183

CHAULIUS SLOANE
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)							
	SUMF	100	150	200	300	400	800	1000
39		0.5						
40		0.5						
41								
42								
43								
44								
45								
46								
47								
48								
49								
50								
51								
52						0.3		
53								
134							0.5	
NO. HOUR	0.0	1.0	0.0	0.0	0.0	0.3	0.5	0.0
NO. HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
NO. SPEC.	0	2	0	0	0	1	1	0
NO. SAMPLES	2	2	1	2	2	3	1	1

TABLE 184

CHAULIUS SLOANE
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	50	100	150	200	300	400	500	600	750	1000
26							0.7			
27							0.3			
28										
29										
30								0.3	0.5	
31										
32										
33								0.7		
34								1.0		
35										
36							0.7	0.3		
37								0.3		
38								0.3		
39				0.2				0.3		
40								0.7		
41										
42										
43							0.3			
44										
45			0.5						0.5	
46									0.5	
47										
48										
49										
50							0.3			
51										
52										
53								0.3		
54										
55										
56										
57										
58										
59										
60										0.3
NO. HOUR	0.0	0.0	0.5	0.2	0.0	0.0	2.7	4.6	1.5	0.0
NO. HOURS	2.0	6.0	2.0	6.0	2.0	3.0	3.0	3.0	2.0	3.0
NO. SPEC.	0	0	1	1	0	0	8	14	3	0
NO. SAMPLES	2	6	2	6	2	3	1	3	2	2

TABLE 185

CHAULIODUS SLOANI
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)	
	500	700
24	1.0	
25		
26		
27		
28		
29	1.0	
NO./HOUR	2.0	0.0
NO. HOURS	1.0	1.0
NO. SPEC.	2	0
NO. SAMPLES	1	1

TABLE 186

CHAULIODUS SLOANI
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)					
	160	250	340	410	495	675
102						0.5
NO./HOUR	0.0	0.0	0.0	0.0	0.0	0.5
NO. HOURS	1.0	1.0	1.0	1.0	1.0	2.0
NO. SPEC.	0	0	0	0	0	1
NO. SAMPLES	1	1	1	1	1	2

TABLE 187

CHAULIODUS SLOANI
NIGHTNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)							
	25	40	70	150	190	235	400	700
86								0.3
149								0.3
NO./HOUR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7
NO. HOURS	1.1	1.0	1.0	3.0	1.0	3.0	3.0	3.0
NO. SPEC.	0	0	0	0	0	0	0	2
NO. SAMPLES	2	1	1	3	1	3	3	3

TABLE 188

CHAULIODUS SLOANI
NIGHTNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	12	45	100	150	200	400	600	800	1000
38			0.5							
39										
40										
41										
42										
43										
44										
45										
46			0.5							
47										
48										
49										
50										
51								1.0		
52										
53										
54										
55										
56										
57			0.5							
NO./HOUR	0.0	0.0	1.5	0.0	0.0	0.0	0.0	1.0	0.0	0.0
NO. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
NO. SPEC.	0	0	3	0	0	0	0	1	0	0
NO. SAMPLES	24	3	1	1	3	3	2	1	3	3

TABLE 189

CHAULIODUS SLOANI
NIGHTNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	50	100	150	200	300	400	500	600	750
27										
28								0.3	0.3	
29			1.0							
30										
31								0.3		
32			1.0							
33										
34										
35										
36										
37								0.3		
38										
39										
40								0.3		
41										
42										
43			1.0							
44										
45								0.3	0.3	
46								0.3		
47									0.3	
48										
49										
50										
51										
52										
53										
NO./HOUR	0.0	0.0	3.0	0.0	0.0	0.0	0.0	2.0	1.3	0.0
NO. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
NO. SPEC.	0	0	3	0	0	0	0	6	4	0
NO. SAMPLES	58	1	1	3	2	3	3	3	3	3

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TABLE 190

CHAULIODUS SLOANI
NIGHTNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)								
	SURF	50	80	100	150	200	325	425	510
23								1.0	
24									
25									
26									
27									
28									
29									
30									1.0
31									
32			1.0						
33									
34									
35									
36									
37				1.0					
38									
39				1.0					
40									
NO./HOUR	0.0	0.0	1.0	2.0	0.0	0.0	0.0	1.0	1.0
NO. HOURS	7.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
NO. SPEC.	0	0	1	2	0	0	0	1	1
NO. SAMPLES	15	1	1	1	1	1	1	1	1

TABLE 191

LESTIDIOPS JAYAKANI

ALPHA OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 2

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
22	2								2
23									
24									
25	1								1
26	1								1
27									
28	1								1
29	1								1
30	1								1
31									
32	1								1
33	1								1
34	2								2
35	2								2
36	2								2
37									
38	4								4
39	2								2
40	2								2
41									
42	1								1
43									
44	1								1
TOTALS	26	0	0	0	0	0	0	0	26

TABLE 192

LESTICHOPS JAYAKARI

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 2

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
15	1								1
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									
29									2
30	2								
31									
32									
33									
34									1
35	1								
36									
37									1
38	1								
39	1								1
40	1								1
41									
42	1								1
43									
44	1								1
45									
46									1
47	1								
48									1
49	1								
50									
51									1
52	1								
53									
54									
55									1
56	1								
57									
58									
59									1
60	1								
61									
62									
63									
64									
65									
66									
67									
68									1
69	1								
TOTALS	14								14

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TABLE 193

LESTICHOPS JAYAKARI

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 2

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
35	1								1
36									
37									
38									
39									
40									
41									
42									
43									
44									
45	1								1
TOTALS	2								2

TABLE 194

LESTIDIOPS JAYAKARI

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY							NIGHT						
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.		TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.	
SURF	2.0	0.0	0.0	0.0	0.0	2	0	11.9	0.0	0.0	0.0	0.0	24	0
25								1.5	6.3	0.0	0.0	0.0	3	10
50								2.0	0.0	0.0	0.0	0.0	1	0
75														
100	2.0	0.0	0.0	0.0	0.0	2	0	1.0	0.0	0.0	0.0	0.0	1	0
125														
150	1.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0
175														
200	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
225														
250														
275														
300	2.0	1.0	0.0	0.0	0.0	2	2							
325														
350														
375														
400	3.0	0.0	0.0	0.0	0.0	3	0	2.1	0.0	0.0	0.0	0.0	2	0
425														
450														
475														
500														
525														
550														
575														
600								1.0	0.0	0.0	0.0	0.0	1	0
625														
650														
675														
700														
725														
750														
775														
800	2.0	1.0	0.0	0.0	0.0	1	2	3.0	0.0	0.0	0.0	0.0	3	0
825														
850														
875														
900														
925														
950														
975														
1000	1.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0

TABLE 195

LESTIDIOPS JAYAKARI

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY							NIGHT						
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.		TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.	
SURF								29.0	0.0	0.0	0.0	0.0	58	0
25														
50	2.0	0.0	0.0	0.0	0.0	2	0	1.1	0.0	0.0	0.0	0.0	1	0
75														
100	6.0	0.0	0.0	0.0	0.0	6	0	1.0	0.0	0.0	0.0	0.0	1	0
125														
150	2.0	0.5	0.0	0.0	0.0	2	1	3.0	0.0	0.0	0.0	0.0	3	0
175														
200	6.0	0.2	0.0	0.0	0.0	6	1	2.0	0.0	0.0	0.0	0.0	2	0
225														
250														
275														
300	2.0	1.0	0.0	0.0	0.0	2	2	3.0	0.0	0.0	0.0	0.0	3	0
325														
350														
375														
400	3.0	0.0	0.0	0.0	0.0	3	0	3.1	0.0	0.0	0.0	0.0	3	0
425														
450														
475														
500	3.0	0.0	0.0	0.0	0.0	3	0	3.0	0.0	0.0	0.0	0.0	3	0
525														
550														
575														
600	3.0	0.0	0.0	0.0	0.0	3	0	3.0	0.0	0.0	0.0	0.0	3	0
625														
650														
675														
700														
725														
750	2.0	0.5	0.0	0.0	0.0	2	1	3.0	0.0	0.0	0.0	0.0	3	0
775														
800														
825														
850														
875														
900														
925														
950														
975														
1000	1.0	0.0	0.0	0.0	0.0	2	0							

TABLE 196

LESTIDIOPS JAYAKARI

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.90 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY						NIGHT					
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.
SURF							7.8	0.0	0.0	0.0	0.0	15 0
25												
50							1.0	0.0	0.0	0.0	0.0	1 0
75												
100							1.0	0.0	0.0	0.0	0.0	1 0
125												
150							1.0	2.0	0.0	0.0	0.0	1 2
175	1.0	0.0	0.0	0.0	0.0	1 0	1.0	0.0	0.0	0.0	0.0	1 0
200												
225												
250	1.0	0.0	0.0	0.0	0.0	1 0	1.0	0.0	0.0	0.0	0.0	1 0
275												
300												
325							1.0	0.0	0.0	0.0	0.0	1 0
350	1.0	0.0	0.0	0.0	0.0	1 0						
375												
400												
425	1.0	0.0	0.0	0.0	0.0	1 0	1.0	0.0	0.0	0.0	0.0	1 0
450												
475												
500	1.0	0.0	0.0	0.0	0.0	1 0						
525							1.0	0.0	0.0	0.0	0.0	1 0
550												
575												
600												
625												
650												
675	2.0	0.0	0.0	0.0	0.0	2 0						
700												
725												
750												
775												
800												
825												
850												
875												
900												
925												
950												
975												
1000												

TABLE 197

LESTIDIOPS JAYAKARI
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.90 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)							
	SURF	100	150	200	300	400	800	1000
26							0.5	
27								
28								
29								
30								
31								
32								
33								
34								
35							0.5	
36								
37								
38					0.5			
39					0.5			
40								
NO./HOUR	0.0	0.0	0.0	0.0	1.0	0.0	1.0	0.0
NO. HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
NO. SPEC.	0	0	0	0	2	0	2	0
NO. SAMPLES	2	2	1	2	2	3	1	1

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TABLE 198

LESTIDIOPS JAYAKARI
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	50	100	150	200	300	400	500	600	750	1000
30			0.5							
31										
32										
33										
34										
35					0.5					
36										
37										
38										
39										
40										
41										
42										
43										
44					0.5					
45										
46										
47										
48										
49				0.2						
50										
51										
52										
53										
54										
55										
56										
57										
58										
59										
60									0.5	
NO./HOUR	0.0	0.0	0.5	0.2	1.0	0.0	0.0	0.0	0.5	0.0
NO. HOURS	2.0	6.0	2.0	6.0	2.0	3.0	3.0	3.0	2.0	3.0
NO. SPEC.	0	0	1	1	2	0	0	0	1	0
NO. SAMPLES	2	6	2	6	2	3	3	3	2	2

TABLE 199

LESTIDIOPS JAYAKARI
NIGHTNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	12	45	100	150	200	400	600	800	1000
22		2.0								
23										
24										
25										
26										
27										
28		0.5								
29		0.5								
30		0.9								
31										
32										
33		0.5								
34		0.5								
35										
36		0.7								
37										
38										
39										
40										
41										
42										
43										
44		0.7								
NO./HOUR	0.0	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NO. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
NO. SPEC.	0	10	0	0	0	0	0	0	0	0
NO. SAMPLES	24	3	1	1	3	3	2	1	3	3

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TABLE 300

LESTIDIOPS JAVAKARI
NIGHTNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.00 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)								
	SURF	30	60	135	195	290	325	425	510
35				1.0					
36									
37									
38									
39									
40									
41									
42									
43									
44									
45				1.0					
NO./HOUR	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0
NO. HOURS	7.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
NO. SPEC.	0	0	0	2	0	0	0	0	0
NO. SAMPLES	15	1	1	1	1	1	1	1	1

TABLE 301

LESTIDIOPS SPHYRENOIDES

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 1

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
42	1								1
TOTALS	1	0	0	0	0	0	0	0	1

TABLE 302

LESTIDIOPS SPHYRENOIDES

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 2

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
36	1								1
37									
38									
39									
40									
41									
42									
43									
44									
45									
46									
47	1								1
48									
49									
50									
51									
52									
53									
54									
55									
56									
57									
58									
59									
60									
61	1								1
TOTALS	2	0	0	0	0	0	0	0	2

TABLE 203

LESTIDIOPS SPHYNGIOLUS

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 4

DEPTH M	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
SS	1								1
TOTALS	1	0	0	0	0	0	0	0	1

TABLE 204

LESTIDIOPS SPHYNGIOLUS

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY							NIGHT						
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	NUMBER PER HOUR SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.		TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	NUMBER PER HOUR SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.	
SURF	2.0	0.0	0.0	0.0	0.0	2	0	11.9	0.0	0.0	0.0	0.0	24	0
25								1.5	0.0	0.0	0.0	0.0	3	0
50								2.0	1.0	0.0	0.0	0.0	1	2
75														
100	2.0	0.5	0.0	0.0	0.0	2	1	1.0	0.0	0.0	0.0	0.0	1	0
125														
150	1.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0
175														
200	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
225														
250														
275														
300	2.0	0.0	0.0	0.0	0.0	2	0							
325														
350														
375														
400	3.0	0.0	0.0	0.0	0.0	3	0	2.1	0.0	0.0	0.0	0.0	2	0
425														
450														
475														
500														
525														
550														
575														
600								1.0	0.0	0.0	0.0	0.0	1	0
625														
650														
675														
700														
725														
750														
775														
800	2.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0
825														
850														
875														
900														
925														
950														
975														
1000	1.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0

TABLE 205

LESTIDIOPS SPHYRENOIDES

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY						NIGHT					
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.
SURF												
25												
50												
75												
100												
125												
150												
175												
200												
225												
250												
275												
300												
325												
350												
375												
400												
425												
450												
475												
500	1.0	0.0	0.0	0.0	0.0	1	0					
525												
550												
575												
600												
625												
650												
675												
700	1.0	1.0	0.0	0.0	0.0	1	1					
725												
750												
775												
800												
825												
850												
875												
900												
925												
950												
975												
1000												

TABLE 206

LESTIDIOPS SPHYRENOIDES
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)							
	SURF	100	150	200	300	400	800	1000
30		0.5						
NC./HOUR	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0
NC. HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
NC. SPEC.	0	1	0	0	0	0	0	0
NC. SAMPLES	2	2	1	2	2	3	1	1

TABLE 207

LESTIDIOPS SPHYRENOIDES
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)	
	500	700
59		1.0
NO./HOUR	0.0	1.0
NO. HOURS	1.0	1.0
NO. SPEC.	0	1
NO. SAMPLES	1	1

TABLE 208

LESTIDIOPS SPHYRENOIDES
NIGHTNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	12	45	100	150	200	400	600	800	1000
47			0.5							
48										
49										
50										
51										
52										
53										
54										
55										
56										
57										
58										
59										
60										
61			0.5							
NO./HOUR	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NO. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
NO. SPEC.	0	0	2	0	0	0	0	0	0	0
NO. SAMPLES	24	3	1	1	3	3	2	1	3	3

TABLE 209

ALICIA FISCI

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 1

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSEXED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
18	1								1
19	1								1
20	1								1
21	1								1
22	1								1
23	1								1
24									
25	2								2
26									
27	1								1
28									
29									
30	1								1
31									
32									
33									
34									
35									
36									
37	1								1
TOTALS	11		0	0	0	0	0	0	11

TABLE 210

ACTOLEPIS RISSCI

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 2

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
19	1								1
20	2								2
21	6								6
22	11								11
23	15								15
24	4								4
25	1								1
26	1								1
27	2								2
28	5								5
29	4								4
30	4								4
31	6								6
32	2								2
33	1								1
34	2								2
35	2								2
36									
37	4								4
38	4								4
39	2								2
40	1								1
41	1								1
42									
43									
44	1								1
45	1								1
46									
47	1								1
48									
49									
50									
51									
52									
53									
54									
55									
56									
57									
58									
59									
60									
61									
62									
63									
64									
65									
66									
67									
68									
69									
70									
71									
72									
73									
74									
75									
76									
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81									
82									
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87									
88									
89									
90									
91									
92									
93									
94									
95									
96									
97									
98									
99									
100									
101									
102									
103									
104									
105									
106									
107									
108									
109									
110									
111									
112									
113									
114									
TOTALS	64	0	1	0	0	1	0	0	66

TABLE 211

ACTOLEPIS RISSCI

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 3

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
17	1								1
18	6								6
19	7								7
20	5								5
21	3								3
22	1								1
23	3								3
24	3								3
25	4								4
26	1								1
27	1								1
28	1								1
29	2								2
30	2								2
31	2								2
32	2								2
33	1								1
34									
35	1								1
36									
37									
38									
39									
40									
41									
42									
43									
44									
45									
46									
47									
48									
49									
50									
51									
52									
53									
54									
55									
56									
57									
58									
59									
60									
61									
62									
63									
64									
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66									
67									
68									
69									
70									
71									
72									
73									
74									
75									
76									
77									
78									
79									
80									
81									
82									
83									
84									
85									
86									
87									
88									
89									
90									
91									
92									
93									
94									
95									
96									
97									
98									
99									
100									
101									
102									
103									
104									
105									
106									
107									
108									
109									
110									
111									
112									
113									
114									
TOTALS	48	0	1	0	0	0	0	0	49

TABLE 212

ACTOLEPIS RISSCI

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 4

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
24	1								1
25									
26									
27									
28									
29									
30									
31									
32	1								1
TOTALS	2	0	0	0	0	0	0	0	2

TABLE 203

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 9

SIZE	POSTLARVAE	JUVENILES	SUBADULT	ADULT	UNSTAGED	SUBADULT	ADULT	UNDESIGNATED	TOTALS
MM			FEMALES	FEMALES	MALES	MALES	MALES		
1									
2									
3									
4									
5									
6									
7									
8									
TOTALS	1	0	0	0	0	1	0	0	2

TABLE 206

NOTOLEPIS RISSOI

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY							NIGHT						
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.		TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.	
SURF														
25								1.1	0.0	0.0	0.0	0.0	2	0
50								1.0	0.0	0.0	0.0	0.0	1	0
75								1.0	0.0	0.0	0.0	0.0	1	0
100														
125														
150	3.0	0.7	0.0	0.0	0.0	3	2	3.0	1.0	0.0	0.0	0.0	3	3
175														
200								1.0	1.0	0.0	0.0	0.0	1	1
225														
250	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.7	0.0	0.0	0.0	3	2
275														
300														
325														
350														
375														
400														
425														
450														
475														
500	2.0	0.0	0.0	0.0	0.0	2	0							
525														
550														
575														
600														
625														
650														
675														
700	3.0	0.3	0.0	0.0	0.0	3	1	3.0	0.7	0.0	0.0	0.0	3	2
725														
750														
775														
800														
825														
850														
875														
900														
925														
950	2.0	0.0	0.0	0.0	0.0	3	0							
975														
1000														

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TABLE 215

NOTOLEPIS RISSOI

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY							NIGHT						
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR		ADULT	NUMBER OF		TOTAL HOURS	POSTLARVA	NUMBER PER HOUR		ADULT	NUMBER OF	
			JUVENILE	SUBADULT		SAMP.-INDIV.				JUVENILE	SUBADULT		SAMP.-INDIV.	
SURF	2.0	0.0	0.0	0.0	0.0	2	0	11.9	0.0	0.0	0.0	0.0	24	0
25								1.5	0.5	0.0	0.0	0.0	3	1
50								2.0	2.0	0.0	0.0	0.0	1	4
75														
100	2.0	0.5	0.0	0.0	0.0	2	1	1.0	20.0	0.0	0.0	0.0	1	20
125														
150	1.0	0.0	0.0	0.0	0.0	1	0	3.9	0.7	0.0	0.0	0.0	3	2
175														
200	2.0	0.5	0.0	0.0	0.0	2	1	3.0	0.3	0.0	0.0	0.0	3	1
225														
250														
275														
300	2.0	0.0	0.0	0.0	0.0	2	0							
325														
350														
375														
400	1.0	0.0	0.0	0.0	0.0	3	1	2.1	0.0	0.0	0.0	0.0	2	0
425														
450														
475														
500														
525														
550														
575														
600								1.0	1.0	0.0	0.0	0.0	1	1
625														
650														
675														
700														
725														
750														
775														
800	2.0	1.0	0.0	0.5	0.0	1	16	3.0	1.7	0.0	0.0	0.0	3	5
825														
850														
875														
900														
925														
950														
975														
1000	1.0	0.0	0.0	0.0	0.0	1	1	3.0	0.0	0.0	0.3	0.0	3	1

TABLE 216

NOTOLEPIS RISSOI

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY						NIGHT						
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR		ADULT	NUMBER OF SAMP.-INDIV.	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR		ADULT	NUMBER OF SAMP.-INDIV.	
			JUVENILE	SUBADULT					JUVENILE	SUBADULT			
SURF							29.0	0.0	0.0	0.0	0.0	58	0
25													
50	2.0	0.0	0.0	0.0	0.0	2	0	1.1	0.0	0.0	0.0	1	0
75													
100	4.0	0.3	0.0	0.0	0.0	4	2	1.0	3.0	0.0	0.0	1	3
125													
150	2.0	0.5	0.0	0.0	0.0	2	1	3.0	0.0	0.0	0.0	3	0
175													
200	4.0	0.0	0.0	0.0	0.0	4	0	2.0	0.0	0.0	0.0	2	0
225													
250													
275													
300	2.0	0.5	0.0	0.0	0.0	2	1	3.0	1.0	0.0	0.0	3	3
325													
350													
375													
400	3.0	1.0	0.0	0.0	0.0	3	3	3.1	0.0	0.0	0.0	3	0
425													
450													
475													
500	3.0	0.3	0.0	0.0	0.0	3	1	3.0	0.0	0.0	0.0	3	0
525													
550													
575													
600	3.0	0.3	0.0	0.3	0.0	3	2	3.0	1.0	0.0	0.0	3	3
625													
650													
675													
700													
725													
750	2.0	4.5	0.0	0.0	0.0	2	9	3.0	1.0	0.0	0.0	3	3
775													
800													
825													
850													
875													
900													
925													
950													
975													
1000	3.0	0.0	0.0	0.0	0.0	2	0						

TABLE 217

NOTULEPIS RISSOI

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.90 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY						NIGHT					
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.
SURF							7.8	0.0	0.0	0.0	0.0	15 0
25							1.0	1.0	0.0	0.0	0.0	1 1
50							1.0	0.0	0.0	0.0	0.0	1 0
75							1.0	0.0	0.0	0.0	0.0	1 0
100							1.0	0.0	0.0	0.0	0.0	1 0
125							1.0	0.0	0.0	0.0	0.0	1 0
150	1.0	0.0	0.0	0.0	0.0	1 0	1.0	0.0	0.0	0.0	0.0	1 0
175							1.0	0.0	0.0	0.0	0.0	1 0
200												
225	1.0	0.0	0.0	0.0	0.0	1 0	1.0	0.0	0.0	0.0	0.0	1 0
250												
275							1.0	0.0	0.0	0.0	0.0	1 0
300												
325	1.0	0.0	0.0	1.0	0.0	1 1	1.0	0.0	0.0	0.0	0.0	1 0
350												
375												
400	1.0	0.0	0.0	0.0	0.0	1 0	1.0	0.0	0.0	2.0	0.0	1 0
425												
450												
475	1.0	0.0	0.0	0.0	0.0	1 0	1.0	0.0	0.0	0.0	0.0	1 0
500												
525												
550												
575												
600												
625												
650												
675	2.0	0.0	0.0	0.0	0.0	2 0						
700												
725												
750												
775												
800												
825												
850												
875												
900												
925												
950												
975												
1000												

TABLE 218

NOTULEPIS RISSOI
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.90 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)					
	190	235	375	500	700	940
20	0.3					
21						
22	0.3					
23						
24						
25						
26						
27						
28						
29						
30						
31						
32						
33						
34						
35						
36						
37					0.3	
NO./HOUR	0.7	0.0	0.0	0.0	0.3	0.0
NO. HOURS	3.0	2.0	3.0	2.0	3.0	3.0
NO. SPEC.	2	0	0	0	1	0
NO. SAMPLES	3	2	3	2	3	3

TABLE 219

NOTOLEPIS RISSOI
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)							
	SURF	100	150	200	300	400	600	1000
22				0.5				
23		0.5					1.0	
24						0.3	0.5	
25								
26								
27								
28							0.5	
29							0.5	
30							1.0	
31							1.0	
32							0.5	
33								
34								
35								
36								
37								
38							1.0	
39								
40							0.5	
41							0.5	
42								
43								
44								
45							0.5	
112								
113								
114							0.5	
NO./HOUR	0.0	0.5	0.0	0.5	0.0	0.3	8.0	0.0
NO. HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
NO. SPEC.	0	1	0	1	0	1	16	0
NO. SAMPLES	2	2	1	2	2	3	1	1

TABLE 220

NOTOLEPIS RISSOI
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	50	100	150	200	300	400	500	600	750	1000
18		0.2								
19										
20					0.5					
21										
22			0.5							
23		0.2				0.3				
24						0.3		0.3		
25							0.3			
26									0.5	
27									0.5	
28										
29									1.5	
30						0.3				
31									1.0	
32									0.5	
33									0.5	
34										
35										
36										
37										
38										
39										
40										
41										
42										
43										
44										
45										
112										
113										
114										
NO./HOUR	0.0	0.3	0.5	0.0	0.5	1.0	0.3	0.7	4.5	0.0
NO. HOURS	2.0	6.0	2.0	6.0	2.0	3.0	3.0	3.0	2.0	3.0
NO. SPEC.	0	2	1	0	1	3	1	2	9	0
NO. SAMPLES	2	6	2	6	2	3	3	3	2	2

TABLE 221

NOTOLEPIS RISSOI
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)					
	160	250	340	410	495	675
98			1.0			
NO./HOUR	0.0	0.0	1.0	0.0	0.0	0.0
NO. HOURS	1.0	1.0	1.0	1.0	1.0	2.0
NO. SPEC.	0	0	1	0	0	0
NO. SAMPLES	1	1	1	1	1	2

TABLE 222

NOTOLEPIS RISSOI
NIGHTNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)							
	25	40	70	150	190	235	400	700
18				0.3				
19				0.3				
20								
21					1.0			
22								
23				0.3				
24								
25						0.7		
26								
27								0.3
28								
29								
30								0.3
NO./HOUR	0.0	0.0	0.0	1.0	1.0	0.7	0.0	0.7
NO. HOURS	1.1	1.0	1.0	3.0	1.0	3.0	3.0	3.0
NO. SPEC.	0	0	0	3	1	2	0	2
NO. SAMPLES	2	1	1	3	1	3	3	3

TABLE 223

NOTOLEPIS RISSOI
NIGHTNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	12	45	100	150	200	400	600	800	1000
19				1.0						
20				1.0						
21				5.0	0.3					
22			1.0	4.0						
23			1.0	7.0	0.3				0.3	
24				2.0						
25										
26									0.3	
27						0.3				
28									0.3	
29										
30										
31		0.5						1.0		
32										
33										
34									0.3	
35										
36										
37										
38										
39										
40										
41										
42										
43										
44										
45										
46										
47									0.3	
48										0.3
NO./HOUR	0.0	0.5	2.0	10.0	0.7	0.3	0.0	1.0	1.7	0.3
NO. HOURS	11.4	1.9	2.0	1.0	3.0	3.0	2.0	1.0	3.0	3.0
NO. SPEC.	0	1	4	20	2	1		1	5	1
NO. SAMPLES	24	3	1	1	3	3	2	1	3	3

TABLE 224

NOTOLEPIS RISSOI
NIGHTNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTH SAMPLES (M)									
	SURF	50	100	150	200	300	400	500	600	750
18			1.0							
19			1.0							
20										
21			1.0							
22										
23						0.3				
24									0.3	
25						0.3				
26										
27									0.3	
28										
29						0.3				0.2
30									0.3	0.3
31										0.3
NO./HOUR	0.0	0.0	3.0	0.0	0.0	1.0	0.0	0.0	1.0	1.0
NO. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
NO. SPEC.	0	0	3	0	0	3	0	0	3	3
NO. SAMPLES	30	1	1	3	2	3	3	3	3	3

TABLE 225

NOTOLEPIS RISSOI
NIGHTNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTH SAMPLED (M)								
	SURF	50	80	135	155	250	325	425	510
21		1.0							
NO./HOUR	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NO. HOURS	7.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
NO. SPEC.	0	1	0	0	0	0	0	0	0
NO. SAMPLES	15	1	1	1	1	1	1	1	1

TABLE 226

PARALEPIS C. CREGONDICES

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 1

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
16	2								2
17	3								3
18	2								3
19									
20	1								1
21	4								4
22	1								1
23	1								1
24									
25	1								1
26									
27	1								1
28	2								2
29									
30									
31	1								1
32	1								1
33									
34									
35									
36	1								1
TOTALS	22	0	0	0	0	0	0	0	22

TABLE 227

PARALEPIS C. CONGONOIDES

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM 0-100

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	IMMATURE MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTAL
16	2								
17	2								
18	4								4
19	7								7
20	7								7
21	6								6
22	2								2
23	2								2
24	3								3
25	5								5
26	2								2
27	1								1
28	2								2
29	2								2
30	1								1
31	2								2
32	1								1
33	2								2
34	1								1
35	1								1
36	1								1
37	2								2
TOTAL	58	0	0	0	0	0	0	0	58

TABLE 228

PARALEPIS C. CONGONOIDES

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM 0-100

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	IMMATURE MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTAL
16	3								3
17	12								12
18	2								2
19	2								2
20	4								4
21	2								2
22	4								4
23	2								2
24	2								2
25	2								2
26	2								2
27	1								1
28	2								2
29	2								2
30	2								2
31	2								2
32	2								2
33	1								1
TOTAL	45	0	0	0	0	0	0	0	45


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TABLE 229

PARALEPIS C. CONGONOIDES

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM 0-100

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	IMMATURE MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTAL
152			1						1
TOTAL	0	0	1	0	0	0	0	0	1

TABLE 230

PARALEPIS C. COREGONOIDES

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY							NIGHT						
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR		ADULT	NUMBER OF		TOTAL HOURS	POSTLARVA	NUMBER PER HOUR		ADULT	NUMBER OF	
			JUVENILE	SUBADULT		SAMP.-INDIV.				JUVENILE	SUBADULT		SAMP.-INDIV.	
SURF														
25								1.1	0.0	0.0	0.0	0.0	2	0
50								1.0	0.0	0.0	0.0	0.0	1	0
75								1.0	0.0	0.0	0.0	0.0	1	0
100														
125														
150	3.0	0.0	0.0	0.0	0.0	3	0	3.0	0.0	0.0	0.0	0.0	3	0
175														
200								1.0	0.0	0.0	0.0	0.0	1	0
225														
250	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
275														
300														
325														
350														
375	3.0	0.0	0.0	0.0	0.0	3	0							
400								3.0	0.0	0.0	0.0	0.0	3	0
425														
450														
475														
500	0.0	0.0	0.0	0.0	0.0	2	1							
525														
550														
575														
600														
625														
650														
675														
700	3.0	2.0	0.0	0.0	0.0	3	6	3.0	1.7	0.0	0.0	0.0	3	5
725														
750														
775														
800														
825														
850														
875														
900														
925														
950	3.0	3.3	0.0	0.0	0.0	3	10							
975														
1000														

TABLE 231

PARALEPIS C. COREGONOIDES

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY							NIGHT						
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR		ADULT	NUMBER OF		TOTAL HOURS	POSTLARVA	NUMBER PER HOUR		ADULT	NUMBER OF	
			JUVENILE	SUBADULT		SAMP.-INDIV.				JUVENILE	SUBADULT		SAMP.-INDIV.	
SURF	2.0	0.0	0.0	0.0	0.0	2	0	11.9	0.0	0.0	0.0	0.0	24	0
25								1.5	0.0	0.0	0.0	0.0	3	1
50								2.0	0.0	0.0	0.0	0.0	1	0
75														
100	2.0	0.0	0.0	0.0	0.0	2	0	1.0	1.0	0.0	0.0	0.0	1	1
125														
150	1.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0
175														
200	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
225														
250														
275														
300	2.0	0.0	0.0	0.0	0.0	2	0							
325														
350														
375														
400	1.0	0.0	0.0	0.0	0.0	3	0	2.1	0.0	0.0	0.0	0.0	2	0
425														
450														
475														
500														
525														
550														
575														
600								1.0	1.0	0.0	0.0	0.0	1	1
625														
650														
675														
700														
725														
750														
775														
800	2.0	4.0	0.0	0.0	0.0	1	8	3.0	3.7	0.0	0.0	0.0	3	11
825														
850														
875														
900														
925														
950														
975														
1000	1.0	14.0	0.0	0.0	0.0	1	14	3.0	2.3	0.0	0.0	0.0	3	7

TABLE 232

PARALEPIS C. COREGONOIDES

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY						NIGHT					
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.
SURF							29.0	0.0	0.0	0.0	0.0	58
25												
50	2.0	0.0	0.0	0.0	0.0	2	1.1	0.0	0.0	0.0	0.0	1
75												
100	6.0	0.3	0.0	0.0	0.0	6	1.0	1.0	0.0	0.0	0.0	1
125												
150	2.0	1.0	0.0	0.0	0.0	2	3.0	0.0	0.0	0.0	0.0	3
175												
200	6.0	0.0	0.0	0.0	0.0	6	2.0	0.0	0.0	0.0	0.0	2
225												
250												
275												
300	2.0	0.0	0.0	0.0	0.0	2	3.0	0.0	0.0	0.0	0.0	3
325												
350												
375												
400	3.0	0.0	0.0	0.0	0.0	3	3.1	0.0	0.0	0.0	0.0	3
425												
450												
475												
500	3.0	0.0	0.0	0.0	0.0	3	3.0	0.3	0.0	0.0	0.0	3
525												
550												
575												
600	3.0	0.3	0.0	0.0	0.0	3	3.0	0.3	0.0	0.0	0.0	3
625												
650												
675												
700												
725												
750	2.0	0.5	0.0	0.0	0.0	2	3.0	5.0	0.0	0.0	0.0	3
775												15
800												
825												
850												
875												
900												
925												
950												
975												
1000	3.0	7.6	0.0	0.0	0.0	2						22

TABLE 233

PARALEPIS C. COREGONOIDES

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY							NIGHT						
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.		TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.	
SURF								7.8	0.0	0.0	0.0	0.0	15	0
25								1.0	0.0	0.0	0.0	0.0	1	0
50								1.0	0.0	0.0	0.0	0.0	1	0
75								1.0	0.0	0.0	0.0	0.0	1	0
100								1.0	0.0	0.0	0.0	0.0	1	0
125								1.0	0.0	0.0	0.0	0.0	1	0
150								1.0	0.0	0.0	0.0	0.0	1	0
175	1.0	0.0	0.0	0.0	0.0	1	0	1.0	0.0	0.0	0.0	0.0	1	0
200								1.0	0.0	0.0	0.0	0.0	1	0
225														
250	1.0	0.0	0.0	0.0	0.0	1	0	1.0	0.0	0.0	0.0	0.0	1	0
275														
300														
325								1.0	0.0	0.0	1.0	0.0	1	1
350	1.0	0.0	0.0	0.0	0.0	1	0							
375														
400														
425	1.0	0.0	0.0	0.0	0.0	1	0	1.0	0.0	0.0	0.0	0.0	1	0
450														
475														
500	1.0	0.0	0.0	0.0	0.0	1	0							
525								1.0	0.0	0.0	0.0	0.0	1	0
550														
575														
600														
625														
650														
675	2.0	0.0	0.0	0.0	0.0	2	0							
700														
725														
750														
775														
800														
825														
850														
875														
900														
925														
950														
975														
1000														

TABLE 234

PARALEPIS C. COREGONOIDES
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)					
	150	235	375	500	700	940
16					0.3	
17					0.7	
18					0.3	
19						
20					0.3	
21				0.5	0.3	0.7
22						0.3
23						0.3
24						
25						0.3
26						
27						0.3
28						0.7
29						
30						
31						
32						0.3
33						
34						
35						
36						0.3
NO./HOUR	0.0	0.0	0.0	0.5	2.0	3.3
NO. HOURS	3.0	2.0	3.0	2.0	3.0	3.0
NO. SPEC.	0	0	0	1	6	10
NO. SAMPLES	3	2	3	2	3	3

TABLE 235

PARALEPIS C. COREGONOIDES
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)							
	SURF	100	150	200	300	400	800	1000
16							0.5	1.0
17							0.5	
18								
19							0.5	
20							1.5	1.0
21								3.0
22							0.5	1.0
23								
24								1.0
25								2.0
26								2.0
27								
28								1.0
29								
30								
31								
32							0.5	
33								
34								
35								
36								
37								
38								
39								2.0
NO./HOUR	0.0	0.0	0.0	0.0	0.0	0.0	4.0	14.0
NO. HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
NO. SPEC.	0	0	0	0	0	0	8	14
NO. SAMPLES	2	2	1	2	2	3	1	1

TABLE 236

PARALEPIS C. COREGONOIDES
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (P)									
	50	100	150	200	300	400	500	600	750	1000
16								0.3		
17		0.2							0.5	1.2
18		0.2								
19			0.5							
20										1.2
21										0.7
22										1.0
23										0.7
24										
25										0.2
26										0.7
27										0.2
28			0.5							0.5
29										0.5
30										
31										
32										0.2
33										0.2
NO./HOUR	0.0	0.3	1.0	0.0	0.0	0.0	0.0	0.3	0.5	7.6
NO. HOURS	2.0	6.0	2.0	6.0	2.0	3.0	3.0	3.0	2.0	3.0
NO. SPEC.	0	2	2	0	0	0	0	1	1	22
NO. SAMPLES	2	6	2	6	2	3	3	3	2	2

TABLE 237

PARALEPIS C. COREGONOIDES
NIGHTNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (P)							
	25	40	70	150	190	235	400	700
16								0.3
17								0.3
18								0.7
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								0.3
NO./HOUR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7
NO. HOURS	1.1	1.0	1.0	3.0	1.0	3.0	3.0	3.0
NO. SPEC.	0	0	0	0	0	0	0	5
NO. SAMPLES	2	1	1	3	1	3	3	3

TABLE 238

PARALEPIS C. COREGONOIDES
NIGHTNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (P)								
	SURF	12	45	100	150	200	400	600	1000
17								1.0	
18									0.7
19		0.9		1.0					0.3
20									1.0
21									0.7
22									0.3
23									
24									0.7
25									0.3
26									
27									
28								0.3	
29									
30									0.7
31									
32									
33									
34								0.3	
35									
36									0.3
NO./HOUR	0.0	0.9	0.0	1.0	0.0	0.0	0.0	1.0	3.7
NO. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0
NO. SPEC.	0	1	0	1	0	0	0	1	11
NO. SAMPLES	24	3	1	1	3	3	2	1	3

TABLE 239

PARALEPIS C. COREGONOIDES
NIGHTNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	50	100	150	200	300	400	500	600	750
16										0.6
17										2.4
18										
19										0.4
20										0.3
21										0.3
22									0.3	
23										
24								0.3		
25										0.6
26										
27										
28										
29			1.0							
30										
31										0.3
32										
NO./HOUR	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.3	0.3	5.0
NO. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
NO. SPEC.	0	0	1	0	0	0	0	1	1	15
NO. SAMPLES	50	1	1	3	2	3	3	3	3	3

TABLE 240

PARALEPIS C. COREGONOIDES
NIGHTNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)								
	SURF	50	80	135	155	250	325	425	510
153							1.0		
NO./HOUR	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0
NO. HOURS	7.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
NO. SPEC.	0	0	0	0	0	0	1	0	0
NO. SAMPLES	15	1	1	1	1	1	1	1	1

TABLE 241

EVERMANNELLA BALBO

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 2

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
15	1								1
16									
17									
18									
19									
20									
21		1							1
87			1						1
TOTALS	1	1	1	0	0	0	0	0	2

TABLE 242

EVERMANNELLA BALBO

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 2

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
32		1							1
TOTALS	0	1	0	0	0	0	0	0	1

TABLE 243

EVERMANNELLA BALBO

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 4

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
24		1							1
TOTALS	0	1	0	0	0	0	0		1

TABLE 244

EVERMANNELLA BALBO

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 4

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
44		1							1
TOTALS	0	1	0	0	0	0			1

TABLE 245

EVERMANNELLA BALBO

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY							NIGHT						
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.		TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.	
SURF	2.0	0.0	0.0	0.0	0.0	2	0	11.9	0.0	0.0	0.0	0.0	24	0
25								1.5	0.0	0.0	0.0	0.0	3	0
50								2.0	0.0	0.0	0.0	0.0	1	0
75														
100	2.0	0.0	0.0	0.0	0.0	2	0	1.0	0.0	0.0	0.0	0.0	1	0
125														
150	1.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0
175														
200	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.3	0.0	0.0	0.0	3	1
225														
250														
275														
300	2.0	0.0	0.0	0.0	0.0	2	0							
325														
350														
375														
400	3.0	0.0	0.0	0.0	0.0	3	0	2.1	0.0	0.0	0.5	0.0	2	1
425														
450														
475														
500														
525														
550														
575														
600								1.0	0.0	0.0	0.0	0.0	1	0
625														
650														
675														
700														
725														
750														
775														
800	2.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0
825														
850														
875														
900														
925														
950														
975														
1000	1.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0

TABLE 246

EVERMANNELLA BALBO

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY						NIGHT					
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR			NUMBER OF SAMP.-INDIV.	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR			NUMBER OF SAMP.-INDIV.
SURF							29.0	0.0	0.0	0.0	0.0	58 0
25												
50	2.0	0.0	0.0	0.0	0.0	2 0	1.1	0.0	0.0	0.0	0.0	1 0
75												
100	6.0	0.0	0.0	0.0	0.0	6 0	1.0	0.0	0.0	0.0	0.0	1 0
125												
150	2.0	0.0	0.0	0.0	0.0	2 0	3.0	0.0	0.0	0.0	0.0	3 0
175												
200		0.0	0.2	0.0	0.0	6 1	2.0	0.0	0.0	0.0	0.0	2 0
225												
250												
275												
300		0.0	0.0	0.0	0.0	2 0	3.0	0.0	0.0	0.0	0.0	3 0
325												
350												
375		0.0	0.0	0.0	0.0	3 0	3.1	0.0	0.0	0.0	0.0	3 0
400												
425		0.0	0.0	0.0	0.0	3 0	3.0	0.0	0.0	0.0	0.0	3 0
450												
475												
500	0	0.0	0.0	0.0	0.0	3 0	3.0	0.0	0.0	0.0	0.0	3 0
525												
550												
575												
600												
625												
650												
675												
700												
725												
750	2.0	0.0	0.0	0.0	0.0	2 0	3.0	0.0	0.0	0.0	0.0	3 0
775												
800												
825												
850												
875												
900												
925												
950												
975												
1000	3.0	0.0	0.0	0.0	0.0	2 0						

TABLE 247

EVERMANNELLA BALBO
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	50	100	150	200	300	400	500	600	750	1000
32				0.2						
NO./HOUR	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
NO. HOURS	2.0	6.0	2.0	6.0	2.0	1.0	3.0	3.0	2.0	3.0
NO. SPEC.	0	0	0	1	0	0	0	0	0	0
NO. SAMPLES	2	6	2	6	2	3	3	3	2	2

TABLE 248

EVERMANNELLA BALBO
NIGHTNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.90 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	12	45	100	150	200	400	600	800	1000
19						0.3				
87							0.5			
NO./HOUR	0.0	0.0	0.0	0.0	0.0	0.3	0.5	0.0	0.0	0.0
NO. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
NO. SPEC.	0	0	0	0	0	1	1	0	0	0
NO. SAMPLES	24	3	1	1	3	3	2	1	3	3

TABLE 249

ELECTRONA MISSI

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 2

SIZE MM	POSTLARVAE	JUVENILES	SMALLER FEMALES	ADULT FEMALES	UNSTAGE MALES	SUBADULT MALES	ADULT MALES	UNSTAGE ADULT	TOTAL
7	1								1
8		2							2
9		3							3
10	1	1							2
11									1
12						1			1
13									1
14									1
15								1	1
16									1
TOTALS	2	5	0	0	0	1	0	1	10

TABLE 250

ELECTRONA MISSI

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 2

SIZE MM	POSTLARVAE	JUVENILES	SMALLER FEMALES	ADULT FEMALES	UNSTAGE MALES	SUBADULT MALES	ADULT MALES	UNSTAGE ADULT	TOTAL
9	1	1							2
10		4						1	5
11		1				1			2
12						1			1
13									1
14									1
15						1			1
16			2						2
17							1		1
40									1
TOTALS	1	6	2	0	0	2	1	1	13

TABLE 251

ELECTRUNA (ISSUE)

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM SET 2

DEPTH M	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTAL
7	1								1
10	1	1							2
15		1							1
20			1						1
25			1						1
30									1
35									1
40									1
45									1
50									1
55									1
60									1
65									1
70									1
75									1
80									1
85									1
90									1
95									1
100									1
TOTALS	2	2	4	3	1	2	2	1	15

TABLE 252

ELECTRUNA (ISSUE)

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY						NIGHT					
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.
SURF												
25							1.1	0.0	0.0	0.0	0.0	2
50							1.0	0.0	0.0	0.0	0.0	1
75							1.0	0.0	0.0	0.0	0.0	1
100												
125												
150	3.0	0.0	0.0	0.0	0.0	3	3.0	0.0	0.0	0.0	0.0	3
175												
200							1.0	0.0	0.0	0.0	0.0	1
225												
250	2.0	0.0	0.0	0.0	0.0	2	3.0	0.0	0.0	0.0	0.0	3
275												
300												
325												
350												
375	3.0	0.0	0.0	0.0	0.0	3	3.0	0.0	0.0	0.0	0.0	3
400												
425												
450												
475	2.0	0.0	0.0	0.0	0.0	2						
500												
525												
550												
575												
600												
625												
650												
675												
700	3.0	0.0	2.0	0.0	0.0	3	3.0	0.0	1.0	0.0	0.0	3
725												
750												
775												
800												
825												
850												
875												
900												
925												
950	3.0	0.0	0.0	0.0	0.0	3						
975												
1000												

TABLE 253

ELECTRONA RISSOI

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY							NIGHT						
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.		TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.	
SURF	2.0	0.0	0.0	0.0	0.0	2	0	11.9	0.0	0.0	0.0	0.0	24	0
25								1.5	0.0	0.0	0.0	0.0	3	0
50								2.0	0.0	0.0	0.0	0.0	1	0
75														
100	2.0	0.0	0.0	0.0	0.0	2	0	1.0	0.0	0.0	0.0	0.0	1	0
125														
150	1.0	0.0	0.0	0.0	0.0	1	0	3.0	0.3	0.0	0.0	0.0	3	1
175														
200	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	2.0	1.7	0.0	3	11
225														
250														
275														
300	2.0	0.0	0.0	0.0	0.0	2	0							
325														
350														
375														
400	3.0	0.0	0.0	0.0	0.0	3	0	2.1	0.0	0.0	0.0	0.5	2	1
425														
450														
475														
500														
525														
550														
575														
600								1.0	0.0	0.0	0.0	0.0	1	0
625														
650														
675														
700														
725														
750														
775														
800	2.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0
825														
850														
875														
900														
925														
950														
975														
1000	1.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0

TABLE 254

ELECTRONA RISSOI

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY							NIGHT						
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.		TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.	
SURF								29.0	0.0	0.0	0.0	0.0	58	0
25														
50	2.0	0.0	0.0	0.0	0.0	2	0	1.1	0.0	0.0	0.0	0.0	1	0
75														
100	6.0	0.0	0.0	0.0	0.0	6	0	1.0	0.0	0.0	0.0	0.0	1	0
125														
150	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
175														
200	6.0	0.0	0.2	0.0	0.0	6	1	2.0	0.0	0.0	3.0	0.5	2	7
225														
250														
275														
300	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
325														
350														
375														
400	3.0	0.0	0.0	0.0	0.0	3	0	3.1	0.0	0.0	0.0	0.3	3	1
425														
450														
475														
500	3.0	0.0	0.0	0.0	0.0	3	0	3.0	0.0	0.0	0.0	0.3	3	1
525														
550														
575														
600	3.0	0.0	0.0	0.0	0.0	3	0	3.0	0.0	0.0	0.0	0.0	1	0
625														
650														
675														
700														
725														
750	2.0	0.5	0.5	0.0	0.0	2	2	3.0	0.0	0.3	0.0	0.0	3	1
775														
800														
825														
850														
875														
900														
925														
950														
975														
1000	3.0	0.0	0.0	0.0	0.0	2	0							

TABLE 255

ELECTRONA RISSOI
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)					
	150	235	375	500	700	940
7	0.3					
8						
9					1.0	
10					1.0	
11					0.3	
NO./HOUR	0.3	0.0	0.0	0.0	2.3	0.0
NO. HOURS	3.0	2.0	3.0	2.0	3.0	3.0
NO. SPEC.	1	0	0	0	7	0
NO. SAMPLES	3	2	3	2	3	3

TABLE 256

ELECTRONA RISSOI
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	50	100	150	200	300	400	500	600	750	1000
9									0.5	
10									0.5	
11				0.2						
NO./HOUR	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	1.0	0.0
NO. HOURS	2.0	6.0	2.0	6.0	2.0	3.0	3.0	3.0	2.0	3.0
NO. SPEC.	0	0	0	1	0	0	0	0	2	0
NO. SAMPLES	2	6	2	6	2	3	3	3	2	2

TABLE 257

ELECTRONA RISSOI
NIGHTNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)							
	25	40	70	150	190	235	400	700
8								0.7
9								0.3
10								
NO./HOUR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
NO. HOURS	1.1	1.0	1.0	3.0	1.0	3.0	3.0	3.0
NO. SPEC.	0	0	0	0	0	0	0	3
NO. SAMPLES	2	1	1	3	1	3	3	3

TABLE 258

ELECTRONA RISSOI
NIGHTNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	12	49	100	150	200	400	600	800	1000
9										
10					0.3	0.3				
11						1.7				
12						0.7				
13						0.3				
14										
15										
16						0.3				
17						0.7				
40							0.5			
NO./HOUR	0.0	0.0	0.0	0.0	0.3	4.0	0.3	0.0	0.0	0.0
NO. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
NO. SPEC.	0	0	0	0	1	12	1	0	0	0
NO. SAMPLES	24	3	1	1	3	3	2	1	3	3

TABLE 259

ELECTRONA RISSOI
NIGHTNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	50	100	150	200	300	400	500	600	750
9										0.3
10										
11					0.5					
12					0.5					
13										
14					0.5					
15					0.5					
16					0.5					
17					0.5					
18					0.5					
19										
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										
32					0.5					
33							0.3			
34										
35										
36										
37										
38										
39										
40										
41										
42										
43										
44										
45								0.3		
NO./HOUR	0.0	0.0	0.0	0.0	3.5	0.0	0.3	0.3	0.0	0.3
NO. HOURS	20.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
NO. SPEC.	0	0	0	0	7	0	1	1	0	1
NO. SAMPLES	50	1	1	3	2	3	3	3	3	3

TABLE 260

HYCOPHUS HYGOME

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 1

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
10	1								1
11									
12									
13		2							2
14									
15							2		2
16									
17									
18							2		2
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									
29									
30									
31									
32									
33									
34									
35									
36									
37									
38									
39									
40									
41									
42									
43									
44									
45									
46									
47									
TOTALS	1	2	0	1	0	0	4	0	8

TABLE 261

HYGOPHUM HYGOMI

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 2

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
41							1		1
42									
43									
44									
45									
46									
47				1					1
48									
49							1		1
50									
51									
52				1					1
53									
TOTALS	0	0	0	2	0	0	2	0	4

TABLE 262

HYGOPHUM HYGOMI

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 2

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
36							1		1
37							2		2
38									
39							1		1
40									
41									
42									
43							1		1
44									
45							1		1
46									
47									
48									
49							1		1
50									
51									
52									
53									
54				1					1
55									
56									
57									
58				1					1
TOTALS	0	0	0	2	0	0	7	0	9

TABLE 263

HYGOPHUM HYGOMI

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 4

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
27									
38							1		1
39									
40									
41									
42									
43							1		1
TOTALS	0	0	0	0	0	0	2	0	2

TABLE 264

HYCOPHUM HYCUNI

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 5

SIZE M	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED TOTALS
11		1						1
12								
13								
14								
15								
16								
17		1						1
18								
19								
20								
21		1						1
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
32								
33								
34								
35								
36							1	1
37								
38							1	1
39							1	1
40								
41								
42								
43								
44								
45							1	1
46							1	1
TOTALS	0	2	0	0	0	0	2	2

TABLE 265

HYCOPHUM HYCUNI

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY						NIGHT					
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.
SURF												
25							1.1	2.0	3.0	0.0	0.0	2 0
50							1.0	0.0	0.0	0.0	1.0	1 1
75							1.0	1.0	0.0	0.0	1.0	1 2
100												
125												
150	3.0	0.0	0.0	0.0	0.0	3 0	3.0	0.0	0.0	0.0	0.0	3 0
175												
200							1.0	0.0	0.0	0.0	0.0	1 0
225												
250	2.0	0.0	0.0	0.0	0.0	2 0	3.0	0.0	0.7	0.0	0.0	3 2
275												
300												
325												
350												
375	3.0	0.0	0.0	0.0	0.0	3 0						
400							3.0	0.0	0.0	0.0	0.0	3 0
425												
450												
475												
500	2.0	0.0	0.0	0.0	0.0	2 0						
525												
550												
575												
600												
625												
650												
675												
700	3.0	0.0	0.0	0.0	0.3	3 1	3.0	0.0	0.0	0.0	0.0	3 0
725												
750												
775												
800												
825												
850												
875												
900												
925												
950	3.0	0.0	0.0	0.0	0.0	3 0						
975												
1000												

TABLE 266

HYGIPHUM HYGOMI

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY							NIGHT						
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR		ADULT	NUMBER OF		TOTAL HOURS	POSTLARVA	NUMBER PER HOUR		ADULT	NUMBER OF	
			JUVENILE	SUBADULT		SAMP.-INDIV.				JUVENILE	SUBADULT		SAMP.-INDIV.	
SURF								29.0	0.0	0.0	0.0	0.1	58	2
25														
50	2.0	0.0	0.0	0.0	0.0	2	0	1.1	0.0	0.0	0.0	0.0	1	0
75														
100	6.0	0.0	0.0	0.0	0.0	6	0	1.0	0.0	0.0	0.0	0.0	1	0
125														
150	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
175														
200	6.0	0.0	0.0	0.0	0.0	6	0	2.0	0.0	0.0	0.0	0.0	2	0
225														
250														
275														
300	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
325														
350														
375														
400	3.0	0.0	0.0	0.0	0.0	3	0	3.1	0.0	0.0	0.0	0.0	3	0
425														
450														
475														
500	3.0	0.0	0.0	0.0	0.0	3	0	3.0	0.0	0.0	0.0	0.0	3	0
525														
550														
575														
600	3.0	0.0	0.0	0.0	1.3	3	4	3.0	0.0	0.0	0.0	0.0	3	0
625														
650														
675														
700														
725														
750	2.0	0.0	0.0	0.0	0.5	2	1	3.0	0.0	0.0	0.0	0.0	3	0
775														
800														
825														
850														
875														
900														
925														
950														
975														
1000	3.0	0.0	0.0	0.0	0.0	2	0							

TABLE 267

HYGIPHUM HYGOMI

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY							NIGHT						
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR		ADULT	NUMBER OF		TOTAL HOURS	POSTLARVA	NUMBER PER HOUR		ADULT	NUMBER OF	
			JUVENILE	SUBADULT		SAMP.-INDIV.				JUVENILE	SUBADULT		SAMP.-INDIV.	
SURF														
25														
50														
75														
100														
125														
150														
175														
200														
225														
250														
275														
300														
325														
350														
375														
400														
425														
450														
475														
500	1.0	0.0	0.0	0.0	0.0	1	0							
525														
550														
575														
600														
625														
650														
675														
700	1.0	0.0	0.0	0.0	1.0	1	1							
725														
750														
775														
800														
825														
850														
875														
900														
925														
950														
975														
1000														

TABLE 286

HYGOPHUM HYGONI

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY						NIGHT					
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.
SURF							7.8	0.0	0.1	0.0	0.1	15 2
25												
50							1.0	0.0	0.0	0.0	1.0	1 1
75												
100							1.0	0.0	0.0	0.0	1.0	1 1
125												
150							1.0	0.0	0.0	0.0	0.0	1 0
175	1.0	0.0	0.0	0.0	0.0	1 0	1.0	0.0	0.0	0.0	0.0	1 0
200												
225												
250	1.0	0.0	0.0	0.0	0.0	1 0	1.0	0.0	0.0	0.0	0.0	1 0
275												
300												
325							1.0	0.0	0.0	0.0	0.0	1 0
350	1.0	0.0	0.0	0.0	0.0	1 0						
375												
400												
425	1.0	0.0	0.0	0.0	0.0	1 0	1.0	0.0	0.0	0.0	0.0	1 0
450												
475												
500	1.0	0.0	0.0	0.0	0.0	1 0						
525							1.0	0.0	0.0	0.0	0.0	1 0
550												
575												
600												
625												
650												
675	2.0	0.0	0.5	0.0	1.0	2 3						
700												
725												
750												
775												
800												
825												
850												
875												
900												
925												
950												
975												
1000												

TABLE 289

HYGOPHUM HYGONI
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)					
	150	235	375	500	700	940
42					0.3	
NO./HOUR	0.0	0.0	0.0	0.0	0.3	0.0
NO. HOURS	3.0	2.0	3.0	2.0	3.0	3.0
NO. SPEC.	0	0	0	0	1	0
NO. SAMPLES	3	2	3	2	3	3

TABLE 270

HYGOPHUM HYGOMI
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	50	100	150	200	300	400	500	600	750	1000
36								0.3		
37									0.5	
38										
39								0.3		
40										
41										
42										
43										
44										
45								0.3		
46										
47										
48										
49								0.3		
NO./HOUR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.5	0.0
NO. HOURS	2.0	4.0	2.0	4.0	2.0	3.0	3.0	3.0	2.0	3.0
NO. SPEC.	0	0	0	0	0	0	0	4	1	0
NO. SAMPLES	2	6	2	6	2	3	3	3	2	2

TABLE 271

HYGOPHUM HYGOMI
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)	
	500	700
37		1.0
NO./HOUR	0.0	1.0
NO. HOURS	1.0	1.0
NO. SPEC.	0	1
NO. SAMPLES	1	1

TABLE 272

HYGOPHUM HYGOMI
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.90 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)					
	160	250	340	410	495	675
11						0.8
39						0.8
40						0.9
NO./HOUR	0.0	0.0	0.0	0.0	0.0	1.3
NO. HOURS	1.0	1.0	1.0	1.0	1.0	2.0
NO. SPEC.	0	0	0	0	0	3
NO. SAMPLES	1	1	1	1	1	2

TABLE 273

HYGOPHUM HYGOMI
NIGHTNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.90 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)							
	25	40	70	150	190	235	400	700
10			1.0					
11								
12								
13						0.7		
42		1.0						
43								
44			1.0					
NO./HOUR	0.0	1.0	2.0	0.0	0.0	0.7	0.0	0.0
NO. HOURS	1.1	1.0	1.0	3.0	1.0	3.0	3.0	3.0
NO. SPEC.	0	1	2	0	0	2	0	0
NO. SAMPLES	2	1	1	3	1	3	3	3

TABLE 274

HYGOPHUM HYGOMI
NIGHTNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.90 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	50	100	150	200	300	400	500	600	750
43	0.03									
44										
45										
46										
47										
48										
49										
50										
51										
52										
53										
54										
55										
56										
57										
58	0.03									
NO./HOUR	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NO. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	2.1	3.0	3.0	3.0
NO. SPEC.	2	0	0	0	0	0	0	0	0	0
NO. SAMPLES	58	1	1	3	2	3	3	3	3	3

TABLE 275

HYGOPHUM HYGOMI
NIGHTNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM		DEPTHS SAMPLED (M)							
	SURF	50	80	135	155	250	325	425	510
17	0.1								
~~36~~									
36	0.1								
37									
38									
39									
40									
41									
42									
43									
44									
45		1.0							
46			1.0						
NO./HOUR	0.3	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
NO. HOURS	7.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
NO. SPEC.	2	1	1	0	0	0	0	0	0
NO. SAMPLES	15	1	1	1	1	1	1	1	1

APPENDIX 3

Tables 276 - 474

Hygophum benoiti - All Species Combined

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The tables in this appendix are among those that were used in analyzing the fish data, the results of which appear in Part 3 of the Text. For each species with sufficient data, four sets of tables are presented; the tables in each set are arranged numerically by station, and the sets appear in the following order: 1) Stage-Size, size frequency distributions for each stage or stage-sex combination, 2) Stage-Depth, catch rate as a function of stage of development and depth of capture, 3) Depth-Size:Day, catch rate as a function of depth of capture and size of the specimen, 4) Depth-Size:Night. Methods used for determining stage of development and for calculating catch rates are described in the Materials and Methods section of Part 3 of the Text.

TABLE 276

HYCOPHUM BENGITI

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 1

SIZE MP	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
5	3								3
6	10								10
7	11								11
8	7								7
9	20	1							21
10	24	16							40
11	2	25							27
12		20							20
13		15							15
14		7							7
15		6							6
16		5							5
17		4				2			6
18			2			2			4
19			1			1			2
20		1	1			1			3
21			1						1
22		1	2			2			6
23			1			1			2
24			1						1
25									
26									
27									
28						1			1
29									
30			1						1
31			1						1
32				1					1
33				2					2
34							2		2
35									
36									
37									
38				1					1
39				2			1		3
40				2			4		7
41				1			1		2
42				1			2		3
43				1			2		3
44				1			2		3
TOTALS	77	105	14	12		11	15		125

TABLE 277

HYCOPHUM BENGITI

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 2

SIZE MP	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
7	2								2
8	5								5
9	12	10							22
10	12	122							132
11		60							60
12		15							15
13		17							17
14		16							16
15		14							14
16		4							4
17									
18									
19									
20									
21									
22									
23									
24									
25			1						1
26									
27									
28									
29									
30									
31									
32									
33									
34									
35							1		1
36									
37									
38									
39									
40							1		1
41									
42									
43									
44				1					1
TOTALS	34	264	1	1	1	0	2	0	304

TABLE 278

HYGOPHUM BENLITI

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MEI 2

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
10	1								1
11		2							2
12		2							2
13		2							2
14									
15									
16		1							1
17		1							1
18		2							2
19		2	1			1			4
20		2				1			4
21			1					1	2
22			1			1			2
23						2			2
24			1			1			2
25						2			2
26			2						2
27						1			1
28			2						2
29									
30									
31									
32									
33									
34									
35				1					1
TOTALS	1	10	2	1		9	0	1	30

TABLE 279

HYGOPHUM BENLITI

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MEI 4

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
12		4							4
13		4							4
14		4							4
15		4							4
16		2				1			4
17		1	1			2			4
18			1			1			2
19						2			2
20			2						2
21						2			2
22									
23									
24									
25									
26			1			1			2
27									
28			1						1
TOTALS	0	22	4	0	0	10	0	0	36

TABLE 280

HYGUPHUM BENOITE

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY							NIGHT						
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.		TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.	
SURF														
25								1.1	0.0	0.0	0.0	0.0	2	0
50								1.0	0.0	1.0	1.0	2.0	1	4
75								1.0	3.0	0.0	0.0	0.0	1	3
100														
125														
150	3.0	0.0	0.0	0.0	0.0	3	0	3.0	0.7	3.0	0.3	0.0	3	12
175								1.0	0.0	0.0	0.0	0.0	1	0
200														
225	2.0	0.0	0.0	0.0	0.0	2	1	3.0	5.0	4.0	0.0	0.0	3	27
250														
275														
300														
325														
350														
375	1.0	0.0	0.0	0.0	0.0	3								
400								3.0	0.3	0.0	0.0	0.0	3	1
425														
450														
475														
500	2.0	0.0	0.0	0.0	0.0	2	2							
525														
550														
575														
600														
625														
650														
675														
700	3.0	0.0	0.0	0.0	0.0	3	54	3.0	4.7	1.0	0.0	0.0	3	18
725														
750														
775														
800														
825														
850														
875														
900														
925														
950														
975														
1000														

TABLE 281

HYGUPHUM BENOITE

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY							NIGHT						
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.		TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.	
SURF														
25								11.9	0.0	0.0	0.0	0.0	24	0
50								1.5	0.0	5.3	0.0	0.0	3	8
75								2.0	10.5	0.0	0.0	0.0	1	22
100														
125	2.0	1.0	0.0	0.0	0.0	2	3	1.0	1.0	0.0	0.0	0.0	1	1
150														
175	1.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0
200														
225	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
250														
275														
300	2.0	0.0	2.5	0.0	0.0	2	5							
325														
350														
375														
400	3.0	0.0	0.0	0.0	0.0	3	0	2.1	0.0	0.0	0.0	0.0	2	0
425														
450														
475														
500														
525														
550														
575														
600								1.0	0.0	0.0	0.0	0.0	1	0
625														
650														
675														
700														
725														
750														
775														
800	2.0	0.5	41.5	0.0	0.5	1	85	3.0	0.3	38.6	0.0	0.0	3	111
825														
850														
875														
900														
925														
950														
975														
1000	1.0	0.0	50.0	0.0	0.0	1	50	3.0	0.0	1.0	0.0	0.0	3	4

MYCUPHUM BENEFIT

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNR² OR SUNSET EXCLUDED

1065 PM 04/11/11

NUMBER OF SPECIMENS PER HOUR IN DISCRETE-DEPTH SAMPLES FROM MEN 4
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

130

TABLE 284

HYGOPHUM BENOITI
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)					
	150	235	375	500	700	940
8					1.3	
9					3.3	
10					0.7	5.3
11					1.7	6.3
12		0.5		0.5	2.3	0.3
13					2.6	
14					0.3	
15					1.0	
16					1.6	
17					1.7	
18					0.3	
19					0.3	
20					0.3	
21					0.3	
22						
23						
24				0.5		
NO./HOUR	6.0	0.5	0.0	1.0	17.8	12.0
NO. HOURS	3.0	2.0	3.0	2.0	3.0	3.0
NO. SPEC.	0	1	0	2	54	36
NO. SAMPLES	3	2	3	2	3	3

TABLE 285

HYGOPHUM BENOITI
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)							
	SURF	100	150	200	300	400	800	1000
9					0.5		0.5	
10		1.5			1.0		19.5	30.0
11					0.5		18.0	5.0
12								1.0
13					0.5		1.0	6.0
14							2.0	5.0
15							1.0	3.0
36							0.5	
NO./HOUR	0.0	1.5	0.0	0.0	2.5	0.0	42.5	50.0
NO. HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
NO. SPEC.	0	3	0	0	5	0	85	50

TABLE 286

HYGOPHUM BENOITI
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	50	100	150	200	300	400	500	600	750	1000
13										0.5
27										
28									0.5	
NO./HOUR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.2
NO. HOURS	2.0	6.0	2.0	6.0	2.0	3.0	3.0	3.0	2.0	3.0
NO. SPEC.	0	0	0	0	0	0	0	0	1	2
NO. SAMPLES	2	6	2	6	2	3	3	3	2	2

TABLE 287

HYGOPHUM BENOITI
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)	
	500	700
12		3.0
13		2.0
14		2.0
15		2.0
16		3.0
17		2.0
18		1.0
19		1.0
20		2.0
21		1.0
22		
23		
24		
25		
26	1.0	1.0
27		
28		1.0
NO./HOUR	1.0	21.0
NO. HOURS	1.0	1.0
NO. SPEC.	1	21
NO. SAMPLES	1	1

TABLE 288

HYGOPHUM BENOITI
NIGHTNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)							
	25	40	70	150	190	235	400	700
7			1.0			0.3		
8			1.0					
9				0.3		1.0	0.3	1.3
10			1.0	0.3		3.0		3.3
11						0.7		0.3
12				0.3		0.7		0.3
13				2.0		1.3		
14				0.3		1.7		
15				0.3		0.3		0.3
16								
17				0.3				
18								0.3
19		1.0						
20								
21								
22								
23		1.0						
24								
25								
26								
27								
28								
29								
30								
31								
32								
33								
34								
35								
36								
37								
38								
39		1.0						
40								
41								
42		1.0						
NO./HOUR	0.0	4.0	3.0	4.0	0.0	9.0	0.3	6.0
HOURS	1.1	1.0	1.0	3.0	1.0	3.0	3.0	3.0
NO. SPEC.	0	4	3	12	0	27	1	18
NO. SAMPLES	2	1	1	3	1	3	3	3

TABLE 289

HYGOPHUM BENOITE
NIGHTNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	12	45	100	150	200	400	600	800	1000
7			0.5							
8			3.5							
9		2.3	4.5						1.3	
10		1.2	2.0	1.0					15.6	0.3
11		0.7							7.0	0.7
12		1.1							3.7	
13									2.3	
14									2.7	
15									3.0	
16									1.3	
17										
18										
19										
20										
21										
22										
23										
24										
25										0.3
26										
27										
28										
29										
30										
31										
32										
33										
34										
35										
36										
37										
38										
39										
40										
41										
42										
43										
44			0.5							
NO./HOUR	0.0	5.3	11.0	1.0	0.0	0.0	0.0	0.0	36.9	1.3
NO. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
NO. SPEC.	0	8	22	1	0	0	0	0	111	4
NO. SAMPLES	24	3	1	1	3	3	2	1	3	3

TABLE 290

HYGOPHUM BENOITE
NIGHTNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	50	100	150	200	300	400	500	600	750
10										0.3
11										0.3
12						0.3				
13										0.3
14										
15										
16										0.3
17										0.4
18										
19										0.3
20										0.4
21						0.3				
22		0.9				0.3				
23										
24										
25										
26										
27										
28										
29										
30										
31										
32										
33										
34										
35				0.3						
NO./HOUR	0.0	0.9	0.0	0.3	0.0	1.0	0.0	0.0	0.0	2.3
NO. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
NO. SPEC.	0	1	0	1	0	3	0	0	0	7
NO. SAMPLES	58	1	1	3	2	3	3	3	3	3

TABLE 291

BENTHOSEMA GLACIALE

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 1

SIZE MM	POSTLARVAL	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
9	1								1
10	4								4
11	1	1							2
12		2							2
13		15							15
14		27							27
15		70							70
16		25							25
17		28	7			1			36
18		41	18			1		1	61
19		41	27			2			70
20		27	41			2			70
21		25	28			4		2	65
22		8	12			5			25
23		1	1			1			3
24		1	1			1			3
25			1			1			2
26			2			2			4
27			6			2			8
28			3			1			4
29			2			1			3
30			2	4		1		1	8
31			2			1			3
32			2				2		4
33			2	1					3
34			2	1			2		5
35			1				2		3
36							1		1
37				1					1
TOTAL	11	281	165	7	2	23	9	4	402

TABLE 292

BENTHOSEMA GLACIALE

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 2

SIZE MM	POSTLARVAL	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
12		2							2
13		4							4
14		1							1
15		10				1			11
16		14				1			15
17		14	5			5			29
18		8	14			12			34
19		8	18			12			46
20		4	10			14		1	32
21			6			2		1	15
22			1			4			5
23			1			1			2
24			1			1			2
25			1			1			2
26			1			1			2
27			1			1			2
28			1			1			2
29			2			1			3
30			2			2			4
31			1						1
32			2	1			4		7
33			2	1			4		7
34			1				2		3
35			1				1		2
36				1			1		2
37							1		1
38							2		2
39							1	1	2
40							1		1
41							1		1
TOTAL	0	74	85	2	0	24	15	2	204

TABLE 293

BENTHOSEMA GLACIALE

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 3

SIZE MM	POSTLARVAL	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
17		2							2
18		2							2
19		1							1
20		5	2						7
21		1	4			1			6
22		2	2			1			5
23		1	1						2
24									
25									
26									
27									
28			1						1
TOTAL	0	23	10	0	0	2	0	0	25

TABLE 294

BENTHOSOMA GLACIALE

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 4

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
21		1				1			2
22			2			2			4
TOTALS	0	1	2	0	0	3	0	0	6

TABLE 295

BENTHOSOMA GLACIALE

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY							NIGHT						
	TOTAL HOURS	NUMBER PER HOUR				NUMBER OF SAMP.-INDIV.	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR				NUMBER OF SAMP.-INDIV.	
		POSTLARVA	JUVENILE	SUBADULT	ADULT				JUVENILE	SUBADULT	ADULT			
SUN														
25							1.1	0.0	0.0	2.0	0.0	2	2	
5							1.0	0.0	1.0	0.0	0.0	1	1	
75							1.0	0.0	42.0	7.0	1.0	1	50	
100														
125														
150	3.0	0.0	0.0	0.0	0.0	3	3.0	1.0	0.0	0.0	0.7	3	5	
175														
200							1.0	0.0	0.0	1.0	0.0	1	1	
225														
250	2.0	0.0	0.0	0.0	0.0	2	3.0	1.0	0.0	0.0	0.0	3	3	
275														
300														
325														
350														
375	3.0	0.0	0.0	0.0	0.0	3	3.0	0.0	0.0	0.0	0.0	3	0	
400														
425														
450														
475														
500	2.0	0.0	1.0	59.5	1.0	2	335							
525														
550														
575														
600														
625														
650														
675														
700	3.0	0.0	0.0	12.2	1.7	3	71	3.0	1.0	1.0	3.0	2.0	3	24
725														
750														
775														
800														
825														
850														
875														
900														
925														
950	3.0	0.0	0.0	0.0	0.0	3	0							
975														
1000														

TABLE 296

BENTHOSEMA GLACIALE

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY							NIGHT						
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.		TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.	
SURF	2.0	0.0	0.0	0.0	0.0	2	0	11.9	0.0	0.0	0.0	0.0	24	0
25								1.5	0.0	0.5	0.5	0.0	3	2
50								2.0	0.0	21.0	56.5	7.0	1	169
75														
100	2.0	0.0	0.0	0.0	0.5	2	1	1.0	0.0	1.0	5.0	3.0	1	9
125														
150	1.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	2.0	0.3	0.0	3	7
175														
200	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.3	0.0	0.0	3	1
225														
250														
275														
300	2.0	0.0	0.0	0.0	0.0	2	0							
325														
350														
375														
400	3.0	0.0	0.0	0.0	0.0	3	0	2.1	0.0	0.0	0.0	0.0	2	0
425														
450														
475														
500														
525														
550														
575														
600								1.0	0.0	2.0	1.0	0.0	1	3
625														
650														
675														
700														
725														
750														
775														
800	2.0	0.0	0.0	7.0	1.5	1	17	3.0	0.0	0.0	0.7	0.0	3	2
825														
850														
875														
900														
925														
950														
975														
1000	1.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0

TABLE 297

BENTHOSEMA GLACIALE

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY							NIGHT						
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.		TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.	
SURF								29.0	0.0	0.0	0.0	0.0	58	0
25								1.1	0.0	7.4	3.7	0.0	1	12
50	2.0	0.0	0.0	0.0	0.0	2	0							
75								1.0	0.0	0.0	0.0	0.0	1	0
100	0.0	0.0	0.0	0.0	0.0	0	0							
125														
150	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
175														
200	0.0	0.0	0.0	0.0	0.0	0	0	2.0	0.0	0.0	0.0	0.0	2	0
225														
250														
275														
300	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
325														
350														
375														
400	3.0	0.0	0.0	0.0	0.0	3	0	3.1	0.0	0.0	0.0	0.0	3	0
425														
450														
475														
500	3.0	0.0	0.0	0.0	0.0	3	0	3.0	0.0	0.0	0.0	0.0	3	0
525														
550														
575														
600	3.0	0.0	1.3	1.0	0.0	3	7	3.0	0.0	0.3	0.0	0.0	3	1
625														
650														
675														
700														
725														
750	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.4	0.0	3	1
775														
800														
825														
850														
875														
900														
925														
950														
975														
1000	3.0	0.0	0.0	0.0	0.0	2	0							

TABLE 298

BENTHOSEMA GLACIALE

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY						NIGHT					
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.
SURF												
25												
50												
75												
100												
125												
150												
175												
200												
225												
250												
275												
300												
325												
350												
375												
400												
425												
450												
475												
500	1.0	0.0	0.0	0.0	0.0	1						0
525												
550												
575												
600												
625												
650												
675												
700	1.0	0.0	1.0	1.0	0.0	1						2
725												
750												
775												
800												
825												
850												
875												
900												
925												
950												
975												
1000												

TABLE 299

BENTHOSEMA GLACIALE
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)					
	150	235	375	500	700	940
9					0.3	
10					0.3	
11					0.7	
12				3.5	2.0	
13			0.3	9.5	0.3	
14			0.3	18.0	0.3	
15				10.0		
16				11.5	1.0	
17				21.0	0.7	
18				27.5	1.0	
19				30.0	2.3	
20				26.0	3.9	
21				6.5	2.6	
22				2.5	0.3	
23				1.0	0.3	
24					0.3	
25					0.3	
26					0.7	
27				1.0	1.0	
28					0.7	
29					1.0	
30					0.7	
31					0.7	
32					0.7	
33					0.3	
34					1.3	
35						
36						
37					0.3	
NO./HOUR	0.0	0.0	0.7	168.0	24.0	0.0
NO. HOURS	3.0	2.0	3.0	2.0	3.0	3.0
NO. SPEC.	0	0	2	336	73	0
NO. SAMPLES	3	2	3	2	3	3

TABLE 300

BENTHOSEMA GLACIALE
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)							
	SURF	100	150	200	300	400	800	1000
17							1.0	
18								
19							0.5	
20							0.5	
21		0.5					1.0	
22								
23								
24							0.5	
25								
26							1.0	
27								
28							0.5	
29							1.0	
30								
31								
32							1.0	
33							0.5	
34		0.5					0.5	
35								
36								
37							0.5	
38								
NO./HOUR	0.0	1.0	0.0	0.0	0.0	0.0	8.5	0.0
NO. HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
NO. SPEC.	0	2	0	0	0	0	17	0
NO. SAMPLES	2	2	1	2	2	3	1	1

TABLE 301

BENTHOSEMA GLACIALE
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	50	100	150	200	300	400	500	600	750	1000
18								0.3		
19								0.7		
20								0.7		
21										
22								0.3		
23								0.3		
NO./HOUR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0
NO. HOURS	2.0	1.0	2.0	6.0	2.0	3.0	3.0	3.0	2.0	3.0
NO. SPEC.	0	0	0	0	0	0	0	7	0	0
NO. SAMPLES	2	6	2	6	2	3	3	3	2	2

TABLE 302

BENTHOSEMA GLACIALE
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)	
	500	700
21		1.0
22		1.0
NO./HOUR	0.0	2.0
NO. HOURS	1.0	1.0
NO. SPEC.	0	2
NO. SAMPLES	1	1

TABLE 303

BENTHOSEMA GLACIALE
NIGHTNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)							
	25	40	70	150	100	235	400	700
8				0.3				0.6
9				0.3		0.3		0.3
10				0.3		0.7		0.3
11								0.3
12								0.3
13			6.0					
14			14.0					0.3
15		1.0	9.0					
16			5.0					
17			6.0					
18	1.0		1.0					0.3
19	1.0		3.0					0.3
20								0.3
21			1.0					
22								
23								
24								
25					1.0			0.7
26			1.0					
27			1.0					1.0
28			1.0					0.3
29								
30								0.3
31			2.0	0.7				0.3
32								0.7
33								0.3
34								1.0
35								0.3
36								
NO./HOUR	2.0	1.0	50.0	1.7	1.0	1.0	0.0	8.0
NO. HOURS	1.1	1.0	1.0	3.0	1.0	3.0	3.0	3.0
NO. SPEC.	2	1	50	5	1	7	0	24
NO. SAMPLES	2	1	1	3	1	3	3	3

TABLE 304

BENTHOSEMA GLACIALE
NIGHTNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	12	45	100	150	200	400	600	800	1000
12			1.5							
13			2.0							
14			1.0							
15			3.0	1.0	0.7					
16			6.5		0.3					
17		0.5	8.5		0.7					
18		0.5	17.0		0.3	0.3		1.0		
19			14.5	1.0	0.3			1.0		
20			10.0	1.0				1.0		
21			2.5	1.0						
22			3.5							
23			0.5							
24				1.0						
25										
26			0.5						0.3	
27			0.5						0.3	
28			1.0							
29			2.0							
30			1.0	1.0						
31			0.5							
32			2.5	1.0						
33			1.5	1.0						
34			1.5							
35			1.0							
36			0.5							
37			0.5							
38										
39			1.0							
40										
41				1.0						
NO./HOUR	0.0	1.1	84.5	9.0	2.3	0.3	0.0	3.0	0.7	0.0
NO. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
NO. SPEC.	0	2	169	9	7	1	0	3	2	0
NO. SAMPLES	24	3	1	1	3	3	2	1	3	3

TABLE 305

BENTHOSENA GLACIALE
NIGHTNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	50	100	150	200	300	400	500	600	750
18		0.9								
19		5.5								
20		1.8								
21		0.9								
22		1.8							0.3	
23										
24										
25										
26										
27										
28										0.4
NO./HOUR	0.0	11.1	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.4
NO. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
NO. SPEC.	0	12	0	0	0	0	0	0	1	1
NO. SAMPLES	58	1	1	3	2	3	3	3	3	3

TABLE 306

MYCTOPHUM PUNCTATUM

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 1

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
10	1								1
11									
12	2								2
13	2								2
14	2								2
15	1								1
16		1							1
17		2							2
18		4							4
19		14							14
20		5	1			3			12
21		2	3						5
22		1	2			1		1	5
23		2	1			2			5
24			2			2			4
25			2					1	3
26			4			2			6
27			1			1			2
28			2					1	3
29			2			2			4
30			5			3			8
31			1						1
32			4			5			9
33			1			1			2
34			1			3		1	5
35			1			2			3
36			2			1			3
37						1			1
38						1			1
39			1			2			3
40			2			1			3
41									
42									
43									
44						1			1
45									
46									
47			1						1
48									
49									
50			1			1			2
TOTALS	6	38	40	0	0	36	0	4	126

TABLE 307

MYCTOPHUM PUNCTATUM

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM HFD 2

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
15		1							1
16		2							2
17		4							4
18		6							6
19		5							5
20		4							4
21		2	1						3
22		2				1			4
23		2							2
24		1						1	2
25			1						1
26									
27						1			1
28			1						1
29									
30			1			1			2
31						2			2
32			4			1			5
33			1			2			4
34						2			2
35			4			2			7
36						1		1	2
37			3			2			6
38			1			2			3
39			3			1			4
40			3			1			4
41			1			2			3
42						1			1
43			2			2			4
44			1			1			2
45			2			2			4
46			1			2			3
47			2			1			3
48			4			1			5
49			4						4
50			1			2		1	4
51			2			5			7
52			1			1			2
53			1						1
54			1			2			3
55			1						1
56			2						2
57			1			1			2
58			2						2
59			3						3
60						1			1
61									
62			2			1			3
63									
64			1						1
65						1			1
TOTALS	C	32	42	C		46	C	3	143

TABLE 308

MYCTOPHUM PUNCTATUM

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM HFD 3

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
9	1								1
10									
11	1								1
12									
13									
14									
15									
16									
17		1							1
18		1							1
19		1							1
20		1							1
21		1							1
22		1							1
23		2						1	3
24			1						1
25		1	4			1			6
26			1					1	2
27		1				2			3
28			3			1			4
29			2			1		2	5
30						2		1	4
31									
32						1			1
33			2			2			4
34			1			2			3
35			4			3			7
36			3			1			4
37			1					1	2
38			1			2			3
39			2			1			4
40			2			1			4
41			2			4			6
42			1			1			2
43						1			1
44			1			1			2
45									1
46						1			1
47						1			1
TOTALS	2	10	33	C	0	29	C	6	80

TABLE 309

MYCTOPHIS PUNCTATUS

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY						NIGHT					
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.
SURF							1.1	3.7	0.0	0.0	0.0	2
5							1.0	1.0	0.0	1.0	0.0	1
7							1.0	1.0	1.0	1.0	0.0	1
15												
125												
150												
175							3.0	1.7	0.3	0.0	0.0	3
200												
225							1.0	0.0	0.0	2.0	0.0	1
250												
275	2.0		0.0	0.0	0.0	2	0.0	0.0	0.0	0.0	0.0	0
300												
325												
350												
375												
400	3.0		0.0	0.0	0.0	3		0.0	0.0	0.0	0.0	0
425												
450												
475												
500	2.0		0.0	0.0	0.0	2						
525												
550												
575												
600												
625												
650												
675												
700												
725												
750												
775												
800												
825												
850												
875												
900												
925												
950												
975												
1000												

TABLE 310

MYCTOPHIS PUNCTATUS

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY						NIGHT					
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.
SURF	2.0	0.0	0.0	0.0	0.0	2	11.9	0.0	1.5	6.5	0.0	24
25							1.5	0.0	0.7	0.7	0.0	3
50							2.0	0.0	2.5	3.5	0.0	1
75												
100	2.0	0.0	0.0	0.0	0.0	2	1.0	0.0	0.0	0.0	0.0	1
125												
150	1.0	0.0	0.0	0.0	0.0	1	3.0	0.0	0.0	0.3	0.0	3
175												
200	2.0	0.0	0.0	0.0	0.0	2	3.0	0.0	0.0	0.0	0.0	3
225												
250												
275												
300	2.0	0.0	0.0	0.0	0.0	2						
325												
350												
375												
400	3.0	0.0	0.0	0.0	0.0	3	2.1	0.0	0.0	0.0	0.0	2
425												
450												
475												
500												
525												
550												
575												
600												
625							1.0	0.0	0.0	0.0	0.0	1
650												
675												
700												
725												
750												
775												
800	2.0	0.0	1.0	0.0	0.0	1	3.0	0.0	0.0	0.0	0.0	3
825												
850												
875												
900												
925												
950												
975												
1000	1.0	0.0	0.0	0.0	0.0	1	3.0	0.0	0.0	0.0	0.0	3

TABLE 311

MYCTOPHJA PUNCTATUM

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY						NIGHT					
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR:			NUMBER OF	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR			NUMBER OF
			JUVENILE	SUBADULT	ADULT	SAMP.-INDIV.			JUVENILE	SUBADULT	ADULT	SAMP.-INDIV.
SURF							29.0	0.0	0.2	2.1	0.0	58 69
25												
50	2.0	0.0	0.0	0.0	0.0	2 0	1.1	0.0	0.0	0.0	0.0	1 0
75												
100	6.0	0.2	0.0	0.0	0.0	6 1	1.0	0.0	1.0	0.0	0.0	1 1
125												
150	2.0	0.0	0.0	0.0	0.0	2 0	3.0	0.0	0.3	0.0	0.0	3 1
175												
200	6.0	0.0	0.0	0.0	0.0	6 0	2.0	0.0	0.0	0.0	0.0	2 0
225												
250												
275												
300	2.0	0.0	0.0	0.0	0.0	2 0	3.0	0.0	0.0	0.0	0.0	3 0
325												
350												
375												
400	3.0	0.0	0.0	0.0	0.0	3 0	3.1	0.0	0.0	0.0	0.0	3 0
425												
450												
475												
500	3.0	0.0	0.0	0.0	0.0	3 0	3.0	0.0	0.0	0.0	0.0	3 0
525												
550												
575												
600	3.0	0.0	0.0	0.0	0.0	3 0	3.0	0.0	0.0	0.0	0.0	3 0
625												
650												
675												
700												
725												
750	2.0	0.0	0.0	0.5	0.0	2 1	3.0	0.0	0.0	0.0	0.0	3 0
775												
800												
825												
850												
875												
900												
925												
950												
975												
1000	3.0	0.0	0.2	0.5	0.0	2 3						

TABLE 312

MYCTOPHJA PUNCTATUM
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)					
	150	235	375	500	700	940
15					0.3	
16					0.3	
17					0.3	
18					0.3	0.3
19					2.0	
20					1.3	
21						
22					0.7	
23					1.0	
24						
25						
26					0.3	
27					0.3	
28						
29						
30						
31						
32						
33						
34	0.3					
NO./HOUR	0.3	0.0	0.0	0.0	7.0	0.3
NO. HOURS	3.0	2.0	3.0	2.0	3.0	3.0
NO. SPEC.	1	0	0	0	21	1
NO. SAMPLES	3	2	3	2	3	3

TABLE 313

MYCTOPHUM PUNCTATUM
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)							
	SURF	100	150	200	300	400	800	1000
16							0.5	
17							0.5	
NO./HOUR	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0
NO. HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
NO. SPEC.	0	0	0	0	0	0	2	0
NO. SAMPLES	2	2	1	2	2	3	1	1

TABLE 314

MYCTOPHUM PUNCTATUM
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	50	100	150	200	300	400	500	600	750	1000
8		0.2								
9										
10										
11										
12										
13										
14										
15										
16										
17										0.2
18										
19										
20										
21										
22										
23									0.5	
24										0.2
25										
26										
27										
28									0.5	
29										
30										
31										
32										
33										
34										
35										0.2
NO./HOUR	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.7
NO. HOURS	2.0	6.0	2.0	6.0	2.0	3.0	3.0	3.0	2.0	3.0
NO. SPEC.	0	1	0	0	0	0	0	0	2	3
NO. SAMPLES	2	6	2	6	2	3	3	3	2	2

TABLE 316

MYCTOPHUM PUNCTATUM
NIGHTNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)							
	25	40	70	150	190	235	400	700
10				0.2				
11								
12				0.7				
13				0.3				
14			1.0	0.3				
15								
16								
17								
18								
19		2.0		0.3				1.0
20		2.0						
21		2.0						0.3
22		2.0						
23			1.0					
24								
25		1.0			1.0			
26								
27								
28		2.0						
29		1.0						
30	0.8	1.0			1.0			
31								
32		4.0						
33			1.0					
34								
35								
36		2.0						
37		1.0						
38								
39		1.0						
40		2.0						
41								
42								
43								
44		1.0						
NO./HOUR	0.8	28.0	3.0	2.0	2.0	0.0	0.0	1.3
NO. HOURS	1.1	1.0	1.0	3.0	1.0	3.0	3.0	3.0
NO. SPEC.	1	28	3	6	2	0	0	4
NO. SAMPLES	2	1	1	3	1	3	3	3

TABLE 316

MYCTOPHUM PUNCTATUM
NIGHTNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	12	45	100	150	200	400	600	800	1000
16	0.2									
17	0.2		0.5							
18	0.3		0.5							
19	0.3		1.0							
20	0.2		0.5							
21	0.2	0.7								
22	0.2		0.5							
23	0.08									
24	0.08								0.3	
25	0.08									
26										
27			0.5							
28										
29										
30	0.2									
31	0.2									
32	0.4	0.7								
33	0.4									
34	0.3									
35	0.4		0.5							
36	0.1									
37	0.4									
38	0.3									
39	0.3		0.5							
40	0.3		0.5							
41	0.2		0.5							
42	0.08									
43	0.4									
44	0.2									
45	0.08									
46	0.3									
47	0.3									
48	0.3					0.3				
49	0.3									
50	0.4									
51	0.5		0.5							
52	0.3									
53	0.08									
54	0.3									
55	0.08									
56	0.2									
57	0.2									
58	0.2									
59	0.3									
60	0.08									
61										
62	0.3									
63										
64	0.1									
65	0.08									
NO./HOUR	10.0	1.3	6.0	0.0	0.3	0.0	0.0	0.0	0.3	0.0
NO. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
NO. SPEC.	116	2	12	0	1	0	0	0	1	0
NO. SAMPLES	24	3	1	1	3	3	2	1	3	3

TABLE 317

MYCTOPHJA PUNCTATUM
NIGHTNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.90 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	SURF	DEPTHS SAMPLED (M)								
		50	100	150	200	300	400	500	600	750
18	0.03									
19	0.03									
20	0.03									
21	0.03									
22	0.03									
23	0.03									
24				0.3						
25	0.2									
26	0.07									
27	0.06									
28	0.10		1.0							
29	0.2									
30	0.1									
31										
32	0.03									
33	0.1									
34	0.1									
35	0.2									
36	0.10									
37	0.07									
38	0.1									
39	0.1									
40	0.1									
41	0.2									
42	0.07									
43	0.03									
44	0.03									
45										
46	0.03									
47	0.03									
NO./HOUR	2.3	0.0	1.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0
NO. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
NO. SPEC.	70	0	1	1	0	0	0	0	0	0
NO. SAMPLES	58	1	1	3	2	3	3	3	3	3

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TABLE 318

MYCTOPHJA PUNCTATUM

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 3

NO.	TE	MALE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSEXED MALES	SUBADULT MALES	ADULT MALES	OVERSIZED	TOTAL
1			1							
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										
32										
33										
34										
35										
36										
37										
38										
39										
40										
41										
42										
43										
44										
45										
46										
47										
TOTALS			2	2	0	0	0	0		

TABLE 319

SYMBLEPHOCRUS VERANYI

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 2

SIZE MP	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
6	1								1
7									
8									
9	4								4
10	2								2
11	1								1
12	3								3
13	2								2
14	1								1
22		2							2
23		2							2
24									
25		1							1
26		1							1
27									
28		1							1
29						1			1
30									
31									
32									
33						1			1
34									
35									
36									
37						1			1
38									
39									
40									
41									
42			1			1			2
43									
44									
45									
46						1			1
47						1			1
48									
49						1			1
50									
51			1						1
52									
53						1			1
54									
55						2			2
56			1						1
57						1			1
58									
59			1						1
60									
61						1			1
62			1			1			2
63			1						1
64									
65						1			1
66			1						1
67						1			1
68									
69						1			1
70			1						1
71									
72									
73						2			2
74									
75									
80									
81									
82							1		1
83							2		2
84				1					1
96									
97							1		1
98									
99									
100									
101									
102									
103									
104									
105				1					1
106									
107									
108									
109									
110									
111									
112									
113									
114				1					1
TOTALS	15	7	8	3	0	20	4	0	57

TABLE 320

SYMBLOPHORUS VERANYI

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 3

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
5	4								4
10	1								1
23		1							1
24									
25									
26									
27									
28		1							1
29									
30									
31		1							1
66						1			1
67									
68									
69						1			1
70									
71									
72									
73									
74									
75									
76									
77						1			1
78									
TOTALS	5	2	0	0	0	2	0	0	11

TABLE 321

SYMBLOPHORUS VERANYI

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY						NIGHT					
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.
SURF												
25							1.1	0.0	0.0	0.0	0.0	2 0
50							1.0	0.0	0.0	0.0	0.0	1 2
75							1.0	0.0	0.0	0.0	0.0	1 0
100												
125												
150	3.0	0.0	0.0	0.0	0.0	3 0	3.0	0.0	0.0	0.0	0.0	3 0
175												
200							1.0	0.0	0.0	0.0	0.0	1 0
225												
250	2.0	0.0	0.0	0.0	0.0	2 0	3.0	0.0	0.0	0.0	0.0	3 0
275												
300												
325												
350												
375	3.0	0.0	0.0	0.0	0.0	3 0						
400							3.0	0.0	0.0	0.0	0.0	3 0
425												
450												
475												
500	2.0	0.0	0.0	0.0	0.0	2 0						
525												
550												
575												
600												
625												
650												
675												
700	3.0	0.0	1.0	0.0	0.0	3 3	2.0	0.0	0.0	0.0	0.0	3 0
725												
750												
775												
800												
825												
850												
875												
900												
925												
950	3.0	0.0	0.0	0.0	0.0	3 0						
975												
1000												

TABLE 322

SYMBLOPHORUS VERNYI

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY							NIGHT						
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR			NUMBER OF		TOTAL HOURS	POSTLARVA	NUMBER PER HOUR			NUMBER OF	
			JUVENILE	SUBADULT	ADULT	SAMP.-INDIV.				JUVENILE	SUBADULT	ADULT	SAMP.-INDIV.	
SURF	2.0	0.0	0.0	0.0	0.0	2	0	11.9	0.0	0.1	1.4	0.4	24	23
25								1.5	0.0	0.7	0.7	0.0	3	2
50								2.0	5.0	0.0	2.0	0.0	1	15
75														
100	2.0	0.0	0.0	0.0	0.0	2	0	1.0	0.0	1.0	0.0	0.0	1	1
125														
150	1.0	0.0	0.0	0.0	0.0	1	0	3.0	0.7	0.0	0.0	0.3	3	3
175														
200	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
225														
250														
275														
300	2.0	0.0	0.0	0.0	0.0	2	0							
325														
350														
375														
400	3.0	0.0	0.0	0.0	0.0	3	0	2.1	0.0	0.0	0.0	0.0	2	0
425														
450														
475														
500														
525														
550														
575														
600								1.0	0.0	0.0	0.0	0.0	1	0
625														
650														
675														
700														
725														
750														
775														
800	2.0	0.0	0.5	0.0	0.0	1	1	3.0	0.0	0.0	0.0	0.0	3	0
825														
850														
875														
900														
925														
950														
975														
1000	1.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0

TABLE 323

SYMBLOPHORUS VERNYI

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY						NIGHT					
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR			NUMBER OF	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR			NUMBER OF
			JUVENILE	SUBADULT	ADULT	SAMP.-INDIV.			JUVENILE	SUBADULT	ADULT	SAMP.-INDIV.
SURF							29.0	0.0	0.03	0.0	0.0	18
25												
50	2.0	0.0	0.0	0.0	0.0	2	1.1	0.0	0.0	0.9	0.0	1
75												
100	6.0	0.7	0.0	0.0	0.0	6	1.0	0.0	1.0	0.0	0.0	1
125												
150	2.0	0.0	0.0	0.0	0.0	2	3.0	0.0	0.0	0.3	0.0	3
175												
200	6.0	0.0	0.0	0.0	0.0	6	2.0	0.0	0.0	0.0	0.0	2
225												
250												
275												
300	2.0	0.0	0.0	0.0	0.0	2	3.0	0.0	0.0	0.0	0.0	3
325												
350												
375												
400	3.0	0.0	0.0	0.0	0.0	3	3.1	0.0	0.0	0.0	0.0	3
425												
450												
475												
500	3.0	0.0	0.0	0.0	0.0	3	3.0	0.0	0.0	0.0	0.0	3
525												
550												
575												
600	3.0	0.0	0.0	0.0	0.0	3	3.0	0.0	0.0	0.0	0.0	3
625												
650												
675												
700												
725												
750	2.0	0.0	0.0	0.0	0.0	2	3.0	0.0	0.0	0.0	0.0	3
775												
800												
825												
850												
875												
900												
925												
950												
975												
1000	1.0	0.0	0.0	0.0	0.0	2						

TABLE 324

SYMBOLOPHORUS VERANYI
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)					
	150	235	375	500	700	940
20					0.3	
21					0.3	
22					0.3	
NO./HOUR	0.0	0.0	0.0	0.0	1.0	0.0
NO. HOURS	3.0	2.0	3.0	2.0	3.0	3.0
NO. SPEC.	0	0	0	0	3	0
NO. SAMPLES	3	2	3	2	3	3

TABLE 325

SYMBOLOPHORUS VERANYI
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)							
	SURF	100	150	200	300	400	800	1000
28							0.5	
NO./HOUR	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0
NO. HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
NO. SPEC.	0	0	0	0	0	0	1	0
NO. SAMPLES	2	2	1	2	2	3	1	1

TABLE 326

SYMBOLOPHORUS VERANYI
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	50	100	150	200	300	400	500	600	750	1000
9		0.5								
10		0.2								
NO./HOUR	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NO. HOURS	2.0	6.0	2.0	6.0	2.0	3.0	3.0	3.0	2.0	3.0
NO. SPEC.	0	4	0	0	0	0	0	0	0	0
NO. SAMPLES	2	6	2	6	2	3	3	3	2	2

TABLE 327

SYMBOLOPHORUS VERANYI
NIGHTNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)							
	25	40	70	150	190	235	400	700
50		1.0						
51								
52								
53								
54								
55								
56								
57								
58								
59								
60								
61								
62								
63								
64		1.0						
NO./HOUR	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0
NO. HOURS	1.1	1.0	1.0	3.0	1.0	3.0	3.0	3.0
NO. SPEC.	0	2	0	0	0	0	0	0
NO. SAMPLES	2	1	1	3	1	3	3	3

TABLE 328

SYMBLOPHORUS VERANYI
NIGHTNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	SURF	DEPTHS SAMPLED (M)								
		12	45	100	150	200	400	600	800	1000
6			0.5							
7										
8			1.0							
9			1.5							
10					0.3					
11			0.5		0.3					
12			1.0							
13			0.5							
14										
22	0.08			1.0						
23										
24		0.7								
25										
26										
27										
28		0.7								
29										
37			0.5							
38										
39										
40										
41			1.0							
42										
43										
44										
45										
46			0.5							
47			0.5							
48										
49	0.08									
50										
51	0.08									
52										
53	0.08									
54										
55	0.2									
56	0.08									
57										
58										
59	0.08									
60										
61	0.08									
62	0.08									
63	0.08									
64										
65	0.08									
66										
67	0.08									
68										
69	0.08									
70										
71										
72										
73										
74										
75	0.08									
76										
77	0.2									
78	0.08									
79										
80										
81										
82	0.2									
83										
84	0.08									
96	0.08									
97										
98										
99										
100										
101										
102										
103										
104										
105					0.3					
114	0.08									
NO./HOUR	1.9	1.3	7.5	1.0	1.0	0.0	0.0	0.0	0.0	0.0
NO. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
NO. SPEC.	23	2	15	1	3	0	0	0	0	0
NO. SAMPLES	24	3	1	1	3	3	2	1	3	3

TABLE 329

SYMBLOPHORUS VERANYI
NIGHTNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	50	100	150	200	300	400	500	600	750
23			1.0							
24										
25										
26										
27										
28										
29										
30										
31	0.03									
32										
33										
34										
35										
36										
37										
38										
39										
40										
41										
42										
43										
44										
45										
46										
47										
48										
49										
50										
51										
52										
53										
54										
55										
56										
57										
58										
59										
60										
61										
62										
63										
64										
65										
66										
67										
68										
69										
70										
71										
72										
73										
74										
75										
76										
77										
78										
NO./HOUR	0.03	0.9	1.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0
NO. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
NO. SPEC.	1	1	1	1	0	0	0	0	0	0
NO. SAMPLES	58	1	1	3	2	3	3	3	3	3

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TABLE 330

CENICHTHYS CCCC

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 3

SIZE MM	PESTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	CASTER FEMALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
24		1							1
25									
26									
27									
28									
29									
30									
31									
32									
33									
34									
35									
36									
37									
38									
39									
40									
41									
42									
43									
44									
45									
46									
47									
48									
49									
50									
51									
52									
53									
54									
55									
56									
57									
58									
59									
60									
61									
62									
63									
64									
65									
66									
67									
68									
69									
70									
71									
72									
73									
74									
75									
76									
77									
78									
79									
80									
81									
82									
83									
84									
85									
86									
87									
88									
89									
90									
91									
92									
93									
94									
95									
96									
97									
98									
99									
100									
TOTALS	0	1	1						2

TABLE 331

CENICHTHYS CCCC

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 3

SIZE MM	PESTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	CASTER FEMALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
14		1							1
TOTALS	0	1							1

TABLE 332

GONICHTHYS COCCO

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 5

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
10	1								1
11									
12									
13									
14									
15									
16		10							10
17		70							70
18		56							56
19		14	21			17			52
20		2	36			27			65
21		1	24			20			53
22			16			17			33
23			7			6			13
24			6			4			10
25						4			4
26			1			5			6
27			1						1
28			3			1			4
29			2			2			4
30			1			1			2
31			2						2
32						1			1
33						1			1
34						1			1
35						1			1
36						1			1
37			1			1			2
38			1						1
39			1						1
TOTALS	1	124	125	0	0	118	0	0	357

TABLE 333

GONICHTHYS COCCO

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY						NIGHT					
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.
SURF							29.0	0.0	0.03	0.03	0.0	58 2
25												
50	2.0	0.0	0.0	0.0	0.0	2 0	1.1	0.0	0.0	0.0	0.0	1 0
75												
100	6.0	0.0	0.0	0.0	0.0	6 0	1.0	0.0	0.0	0.0	0.0	1 0
125												
150	2.0	0.0	0.0	0.0	0.0	2 0	3.0	0.0	0.0	0.0	0.0	3 0
175												
200	6.0	0.0	0.0	0.0	0.0	6 0	2.0	0.0	0.0	0.0	0.0	2 0
225												
250												
275												
300	2.0	0.0	0.0	0.0	0.0	2 0	3.0	0.0	0.0	0.0	0.0	3 0
325												
350												
375												
400	3.0	0.0	0.0	0.0	0.0	3 0	3.1	0.0	0.0	0.0	0.0	3 0
425												
450												
475												
500	3.0	0.0	0.0	0.0	0.0	3 0	3.0	0.0	0.0	0.0	0.0	3 0
525												
550												
575												
600	3.0	0.0	0.0	0.0	0.0	3 0	3.0	0.0	0.0	0.0	0.0	3 0
625												
650												
675												
700												
725												
750	2.0	0.0	0.0	0.0	0.0	2 0	3.0	0.0	0.0	0.0	0.0	3 0
775												
800												
825												
850												
875												
900												
925												
950												
975												
1000	3.0	0.0	0.0	0.0	0.0	2 0						

TABLE 334

GONICHTHYS COCCO

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY						NIGHT					
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR		ADULT	NUMBER OF SAMP.-INDIV.	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR		ADULT	NUMBER OF SAMP.-INDIV.
			JUVENILE	SUBADULT					JUVENILE	SUBADULT		
SURF												
25												
50												
75												
100												
125												
150												
175												
200												
225												
250												
275												
300												
325												
350												
375												
400												
425												
450												
475												
500	1.0	0.0	1.0	0.0	0.0	1	1					
525												
550												
575												
600												
625												
650												
675												
700	1.0	0.0	0.0	0.0	0.0	1	0					
725												
750												
775												
800												
825												
850												
875												
900												
925												
950												
975												
1000												

TABLE 335

GONICHTHYS COCCO

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY						NIGHT					
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR		ADULT	NUMBER OF SAMP.-INDIV.	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR		ADULT	NUMBER OF SAMP.-INDIV.
			JUVENILE	SUBADULT					JUVENILE	SUBADULT		
SURF												
25												
50												
75												
100												
125												
150												
175	1.0	0.0	0.0	0.0	0.0	1	0					
200												
225												
250	1.0	0.0	0.0	0.0	0.0	1	0					
275												
300												
325												
350	1.0	0.0	0.0	0.0	0.0	1	0					
375												
400												
425	1.0	0.0	0.0	0.0	0.0	1	0					
450												
475												
500	1.0	0.0	0.0	0.0	0.0	1	0					
525												
550												
575												
600												
625												
650												
675	2.0	0.0	0.0	1.0	0.0	2	2					
700												
725												
750												
775												
800												
825												
850												
875												
900												
925												
950												
975												
1000												

TABLE 336

GONICHTHYS COCCU
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)	
	500	700
14	1.0	
NO./HOUR	1.0	0.0
NO. HOURS	1.0	1.0
NO. SPEC.	1	0
NO. SAMPLES	1	1

TABLE 337

GONICHTHYS COCCU
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)					
	160	250	340	410	495	675
29						0.5
30						
31						
32						
33						
34						
35						
36						
37						
38						0.5
NO./HOUR	0.0	0.0	0.0	0.0	0.0	1.0
NO. HOURS	1.0	1.0	1.0	1.0	1.0	2.0
NO. SPEC.	0	0	0	0	0	2
NO. SAMPLES	1	1	1	1	1	2

TABLE 338

GONICHTHYS COCCU
NIGHTNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	50	100	150	200	300	400	500	600	750
28	0.03									
29										
30										
31										
32										
33										
34										
35										
36										
37										
38	0.03									
NO./HOUR	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NO. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
NO. SPEC.	2	0	0	0	0	0	0	0	0	0
NO. SAMPLES	58	1	1	3	2	3	3	3	3	3

TABLE 339

GONICHTHYS COCCO
NIGHTNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS-SAMPLED (M)								
	SURF	50	80	135	155	250	325	425	510
10			1.0						
11									
12									
13									
14									
15									
16	1.1			1.0					
17	8.8								
18	7.1								
19	6.4								
20	8.1								
21	6.5								
22	4.0								
23	1.6								
24	1.2		1.0						
25	0.5								
26	0.8								
27	0.1								
28	0.5								
29	0.4								
30	0.3								
31	0.3								
32	0.1								
33	0.1								
34	0.09								
35	0.1								
36	0.1								
37	0.3								
38									
39	0.1								
NO./HOUR	48.8	0.0	2.0	1.0	0.0	0.0	0.0	0.0	0.0
NO. HOURS	7.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
NO. SPEC.	391	0	2	1	0	0	0	0	0
NO. SAMPLES	15	1	1	1	1	1	1	1	1

TABLE 340

LORIANCHIA COFLEINT

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1

SIZE MM	STLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNDESIGNATED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
12		2							2
13		2							2
14		6							6
15		2	2						4
16		1	1						2
17		4	4						8
18		7	2			2			11
19			1			1			2
20		1	5			2			8
21			8			12			20
22			11			9			20
23			6			12			18
24			6			12			24
25			2			21		1	24
26			12			12			24
27			6	4			5		15
28			2	7			10		19
29				1			25		26
30				12			12		24
31				5			5		10
32				6			1		7
33				4			2		6
34				2			1		3
35				2			2		4
36				2					2
37				3			1		4
38									
39									
40									
41									
42				1					1
TOTALS	0	21	55	27	0	25	70	1	126

TABLE 341

LITHANOPTA EUCLEETID

NUMBER OF SPECIES CAUGHT IN DISCONTINUED FLY TRAPLES FROM ME. 1

SIZE NO.	POSTERIOR	JUVENILE	ADULT POPULATION	ADULT POPULATION	ADULT POPULATION	ADULT POPULATION	ADULT POPULATION	ADULT POPULATION	TOTALS
1		1							1
11		1							1
12		1							1
13									
14									
15									
16	1	1							2
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									
29									
30									
31									
32									
33									
34									
35									
36									
37									
38									
39									
40									
41									
42									
43									
44									
45									
46									
47									
48									
49									
50									
TOTAL	1	1	1	1	1	1	1	1	6

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TABLE 342

LITHANOPTA EUCLEETID

NUMBER OF SPECIES CAUGHT IN DISCONTINUED FLY TRAPLES FROM ME. 2

SIZE NO.	POSTERIOR	JUVENILE	ADULT POPULATION	ADULT POPULATION	ADULT POPULATION	ADULT POPULATION	ADULT POPULATION	ADULT POPULATION	TOTALS
1	1								1
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									
29									
30									
31									
32									
33									
34									
35									
36									
37									
38									
39									
40									
41									
42									
43									
44									
45									
46									
47									
48									
49									
50									
TOTAL	1	1	11	1	1	1	1	1	16

TABLE 343

LOBIARCHIA C. FLUENT

NUMBER OF SPECIMENS CAPTURED IN DISCRETE DEPTH SAMPLES FROM MED 1

DEPTH M	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	CASTLE FEMALES	ADULT MALES	ADULT MALES	UNIDENTIFIED	TOTALS
15		1							1
16			1						1
17		1	1						2
18		1	1						2
19						1			1
20			1						1
21			1						1
22			1			1			2
23			1			1			2
24			1			1			2
25			1			1			2
26						1			1
27							1		1
28			1						1
TOTALS		2	14			1	1		18

20

TABLE 344

LOBIARCHIA C. FLUENT

NUMBER OF SPECIMENS CAPTURED IN DISCRETE DEPTH SAMPLES FROM MED 1

DEPTH M	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	CASTLE FEMALES	ADULT MALES	ADULT MALES	UNIDENTIFIED	TOTALS
23						1			1
24									
25									
26							1		1
27									
TOTALS	0	0	0	0	0	1	1	0	2

TABLE 345

LOBIARCHIA C. FLUENT

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY							NIGHT						
	TOTAL IND.	POSTLARVAE	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.		TOTAL HOURS	POSTLARVAE	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.	
SURF														
25								1.1	0.0	1.0	0.0	0.0	2	1
5								1.0	0.0	0.0	0.0	0.0	1	0
7.5								1.0	0.0	3.0	37.0	21.0	1	61
10														
12.5														
15	1.0	0.0	0.0	0.0	0.0	3	0	3.0	0.0	0.0	0.0	7.3	3	22
17.5								1.0	0.0	0.0	0.0	2.0	1	2
20														
22.5														
250	2.0	0.0	0.0	0.0	0.0	2	0	0.0	0.0	0.0	0.0	0.0	3	1
275														
300														
325														
350														
375	3.0	0.0	1.0	5.3	2.0	3	25		0.0	0.0	0.0	0.0	3	0
400														
425														
450														
475														
500	2.0	0.0	3.7	10.5	13.0	2	53							
525														
550														
575														
600														
625														
650														
675														
700	0.0	0.0	0.0	0.0	0.0	3	0	3.0	0.0	0.0	0.0	0.0	3	0
725														
750														
775														
800														
825														
850														
875														
900														
925														
950	3.0	0.0	0.0	0.0	0.0	3	0							
975														
1000														

TABLE 346

LOBIANCHIA GOFLEINI

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY							NIGHT						
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR			NUMBER OF		TOTAL HOURS	POSTLARVA	NUMBER PER HOUR			NUMBER OF	
			JUVENILE	SUBADULT	ADULT	SAMP.	INDIV.			JUVENILE	SUBADULT	ADULT	SAMP.	INDIV.
SURF	2.0	0.0	0.0	0.0	0.0	2	0	11.9	0.0	0.0	0.0	0.0	24	0
25								1.5	0.0	0.0	0.0	0.0	3	0
50								2.0	0.5	3.5	8.0	0.5	1	25
75														
100	2.0	0.0	0.0	0.0	0.0	2	0	1.0	0.0	0.0	1.0	2.0	1	3
125														
150	1.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.3	3	1
175														
200	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.3	3	1
225														
250														
275														
300	2.0	0.0	0.0	0.0	0.0	2	0							
325														
350														
375														
400	3.0	0.0	0.0	1.0	0.0	3	1	2.1	0.0	0.0	0.0	0.5	2	1
425														
450														
475														
500														
525														
550														
575														
600								1.0	0.0	0.0	0.0	0.0	1	0
625														
650														
675														
700														
725														
750														
775														
800	2.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0
825														
850														
875														
900														
925														
950														
975														
1000	1.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0

TABLE 347

LOBIANCHIA GOFLEINI

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY							NIGHT						
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR			NUMBER OF		TOTAL HOURS	POSTLARVA	NUMBER PER HOUR			NUMBER OF	
			JUVENILE	SUBADULT	ADULT	SAMP.	INDIV.			JUVENILE	SUBADULT	ADULT	SAMP.	INDIV.
SURF								29.0	0.0	0.0	0.0	0.0	58	0
25														
50	2.0	0.0	0.0	0.0	0.0	2	0	1.1	0.0	0.0	0.9	0.0	1	1
75														
100	6.0	0.0	0.0	0.0	0.0	6	0	1.0	0.0	0.0	1.0	1.0	1	2
125														
150	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	2.3	3	7
175														
200	6.0	0.0	0.0	0.0	0.0	6	0	2.0	0.0	0.0	0.0	0.0	2	0
225														
250														
275														
300	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.3	3	1
325														
350														
375														
400	3.0	0.0	0.0	0.0	0.0	3	0	3.1	0.0	0.0	0.0	0.0	3	0
425														
450														
475														
500	3.0	0.0	0.3	1.3	0.0	3	5	3.0	0.0	0.0	0.0	0.0	3	0
525														
550														
575														
600	3.0	0.0	0.3	0.0	0.0	3	1	3.0	0.0	0.0	0.0	0.0	3	0
625														
650														
675														
700														
725														
750	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
775														
800														
825														
850														
875														
900														
925														
950														
975														
1000	3.0	0.0	0.0	0.0	0.0	2	0							

TABLE 348

LOBIANCHIA DOBLEINI

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MID-
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY						NIGHT					
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.
SURF												
25												
50												
75												
100												
125												
150												
175												
200												
225												
250												
275												
300												
325												
350												
375												
400												
425												
450												
475												
500												
525	1.0				1.0	1						
550												
575												
600												
625												
650												
675												
700	1.0					1						
725												
750												
775												
800												
825												
850												
875												
900												
925												
950												
975												
1000												

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TABLE 349

LOBIANCHIA DOBLEINI

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MID-
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY						NIGHT					
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.
SURF												
25							1.0					1
50							1.0					1
75							1.0					1
100							1.0					1
125							1.0					1
150							1.0					1
175	1.0	0.0	0.0	0.0	0.0	1	1.0					1
200							1.0					1
225												
250	1.0	0.0	0.0	0.0	0.0	1	1.0					1
275												
300												
325							1.0					1
350	1.0	0.0	0.0	0.0	0.0	1						
375												
400												
425	1.0	0.0	0.0	0.0	0.0	1	1.0					1
450												
475												
500	1.0	0.0	0.0	0.0	0.0	1						
525							1.0					1
550												
575												
600												
625												
650												
675	2.0	0.0	0.0	0.0	0.0	2						
700												
725												
750												
775												
800												
825												
850												
875												
900												
925												
950												
975												
1000												

TABLE 350

LOBIANCHIA DOFLEINI
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)					
	150	235	375	500	700	940
12				0.5		
13						
14				1.5		
15				0.5		
16						
17			0.3	2.0		
18			0.7	1.0		
19				0.5		
20			0.3	0.5		
21			1.0	0.5		
22			0.7	0.5		
23			1.0	1.0		
24			0.7	1.5		
25			1.0	2.0		
26			0.3	1.5		
27			0.3	1.0		
28			0.7	1.0		
29			0.3	4.5		
30			0.3	1.0		
31				2.5		
32				0.5		
33			0.7	0.5		
34				0.5		
35				0.5		
36						
37						
38				0.5		
39						
40						
41						
42				0.5		
NO./HOUR	0.0	0.0	0.3	26.5	0.0	0.0
NO. HOURS	1.0	2.0	3.0	2.0	3.0	3.0
NO. SPEC.	0	0	25	53	0	0
NO. SAMPLES	3	2	3	2	3	1

TABLE 351

LOBIANCHIA DOFLEINI
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)							
	SURF	100	150	200	300	400	800	1000
21						0.3		
22								
23						0.3		
24								
25								
26								
27						0.3		
NO./HOUR	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0
NO. HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
NO. SPEC.	0	0	0	0	0	3	0	0
NO. SAMPLES	2	2	1	2	2	3	1	1

TABLE 352

LOBIANCHIA DOFLEINI
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	50	100	150	200	300	400	500	600	750	1000
12								0.3		
13										
14										
15										
16							0.7			
17							0.3			
18										
19										
20							0.7			
NO./HOUR	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.3	0.0	0.0
NO. HOURS	2.0	6.0	2.0	6.0	2.0	3.0	3.0	3.0	2.0	3.0
NO. SPEC.	0	0	0	0	0	0	5	1	0	0
NO. SAMPLES	2	6	2	6	2	3	3	3	2	2

TABLE 353

LOBIANCHIA DOFLEINI
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)	
	500	700
15	1.0	
16		
17	2.0	
18	3.0	
19		
20	1.0	
21		
22	1.0	
23	1.0	
24	2.0	
25	4.0	
26	1.0	
27	1.0	
NO./HOUR	17.0	0.0
NO. HOURS	1.0	1.0
NO. SPEC.	17	0
NO. SAMPLES	1	1

TABLE 354

LOBIANCHIA DOFLEINI
NIGHTNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)							
	25	40	70	150	190	250	400	700
12			1.0					
13			2.0					
14								
15								
16								
17			1.0					
18	1.0		1.0			2.3		
19								
20			2.0					
21			3.0					
22			5.0					
23			4.0					
24			3.0					
25			5.0					
26			12.0					
27			6.0					
28			1.0	0.3				
29			4.0	2.3				
30			2.0	0.7				
31			1.0	0.3				
32			2.0	0.7				
33				1.0				
34				0.7	1.0			
35				0.7				
36					1.0			
37				0.7				
NO./HOUR	1.0	0.0	61.0	7.3	2.3	0.3	0.0	0.0
NO. HOURS	1.1	1.0	1.0	3.0	1.0	3.0	3.0	3.0
NO. SPEC.	1	0	61	72	2	1	0	0
NO. SAMPLES	2	1	1	3	1	3	3	3

TABLE 355

LOBIANCHIA DOFLEINI
NIGHTNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	12	45	100	150	200	400	600	800	1000
10			0.5							
11			2.5							
12										
13										
14										
15										
16			1.0							
17			0.5							
18			0.5							
19			0.5							
20										
21			1.0							
22			0.5							
23			1.0							
24			1.5							
25			1.5	1.0						
26			1.0							
27										
28										
29			0.5							
30				1.0						
31										
32				1.0	0.3					
33										
34										
35							0.5			
36										
37										
38										
39						0.3				
NO./HOUR	0.0	0.0	12.5	3.0	0.3	0.3	0.5	0.0	0.0	0.0
NO. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
NO. SPEC.	0	0	25	3	1	1	1	0	0	0
NO. SAMPLES	24	3	1	1	3	3	2	1	3	3

TABLE 356

LOBIANCHIA DOFLEINI
NIGHTNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM		DEPTHS SAMPLED (M)								
	SURF	50	100	150	200	300	400	500	600	750
24		0.9								
25										
26			1.0							
27										
28										
29										
30										
31						0.3				
32				0.3						
33			1.0	0.3						
34				0.7						
35				0.3						
36				0.3						
37				0.3						
38				0.3						
NO./HOUR	0.0	0.9	2.0	2.3	0.0	0.3	0.0	0.0	0.0	0.0
NO. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
NO. SPEC.	0	1	2	7	0	1	0	0	0	0
NO. SAMPLES	58	1	1	3	2	3	3	3	3	3

TABLE 357

LOBIANCHIA DOFLEINI
NIGHTNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM		DEPTHS SAMPLED (M)							
	SURF	50	80	135	195	250	325	425	510
23			1.0						
24									
25									
26									
27			1.0						
NO./HOUR	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0
NO. HOURS	7.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
NO. SPEC.	0	0	2	0	0	0	0	0	0
NO. SAMPLES	15	1	1	1	1	1	1	1	1

TABLE 358

DIAPHUS RAFINESQUEI

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 1

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSEXED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
32			1						1
33									
34						1			1
35						1			1
36			1						1
37						1			1
38						1			1
39						1			1
40									
41			1						1
42									
43									
44						1			1
45						2			2
46						1			1
47									
48									
49									
50									
51									
52									
53									
54									
55									
56									
57				1					1
58							1		1
59									
60				1					1
61									
62				2					2
63				2					2
64				1					1
TOTALS	0	0	2	7	0	4	1	0	20

TABLE 359

DIAPHUS RAFINESQUEI

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 2

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSEXED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
34						1			1
35						1			1
36						1			1
37						1			1
38						1			1
39						1			1
40						2			2
41						1			1
42									
43						2			2
44						1			1
45						1			1
46						1			1
47						1			1
48									
49									
50									
51									
52						1			1
53									
54									
55									
56									
57									
58									
59									
60									
61									
62									
63									
64									
65									
66									
67									
68									
69									
70									
TOTALS	0	0	0	1	0	17	0	0	18

TABLE 380

DIAPHUS	RAFINESQUEI	NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 3							
SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
12		1							1
14		1							1
27			1						1
28									
29									
30									
31									
32						1			1
33						1			1
34						1			1
35									
36			2						2
37			1			2			3
38						2			2
39			1			1			2
40						1			1
41									
42			1						1
43									
44						1			1
45			1						1
46									
47									
48									
49									
50									
51									
52							2		2
53									2
54				2					2
55				2			1		3
56				3			1		4
57				3					3
58				1					1
59									
60				1			1		2
61				1			1		2
62							2		2
63									
64									
65									
66									
67									
68									
69				2			1		4
70				2					2
71				1					1
72									
73				1					1
74									
75				1					1
76				1					1
77				1					1
78				1					1
TOTALS	0	2	6	23	0	10	9		52

TABLE 381

DIAPHUS	RAFINESQUEI	NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 4							
SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
11	1								1
40						1			1
58				1					1
59									
TOTALS	1	0	0	1	0	1	0	0	2

TABLE 362

DIAPHUS RAFINESQUEI

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 5

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
11	2								2
12			1						1
33									
34									
35									
36									
37									
38									
39									
40									
41									
42									
43									
44									
45									
46			1						1
47									
48									
49									
50									
51									
52									
53									
54									
55									
56									
57									
58									
59							1		1
60									
61									
62									
63									
64									
65									
66				1					1
67									
68									
69									
70									
71									
72									
73									
74					1				1
TOTALS	2	0	2	2	0	0	1	0	7

TABLE 363

DIAPHUS RAFINESQUEI

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY						NIGHT					
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.
SURF												
25							1.1	0.0	0.0	0.0	0.0	2 0
50							1.0	0.0	0.0	0.0	0.0	1 0
75							1.0	0.0	0.0	0.0	0.0	1 0
100												
125												
150	3.0	0.0	0.0	0.0	0.0	3 0	3.0	0.0	0.0	0.0	0.0	3 0
175												
200							1.0	0.0	0.0	1.0	0.0	1 1
225												
250	2.0	0.0	0.0	0.0	0.0	2 0	3.0	0.0	0.0	0.3	0.0	3 1
275												
300												
325												
350												
375	3.0	0.0	0.0	0.0	0.0	3 0	3.0	0.0	0.0	0.3	0.3	3 2
400												
425												
450												
475												
500	2.0	0.0	0.0	3.0	3.5	2 13						
525												
550												
575												
600												
625												
650												
675												
700	3.0	0.0	0.0	0.0	0.0	3 0	3.0	0.0	0.0	0.0	0.0	3 0
725												
750												
775												
800												
825												
850												
875												
900												
925												
950	3.0	0.0	0.0	0.0	0.0	3 0						
975												
1000												

147

TABLE 364

DIAPHUS RAFINESQUEI

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY							NIGHT						
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.		TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.	
SURF	2.0	0.0	0.0	0.0	0.0	2	0	11.9	0.0	0.0	0.0	0.0	24	0
25								1.5	0.0	0.0	0.0	0.0	3	0
50								2.0	0.0	0.0	2.0	0.0	1	4
75														
100	2.0	0.0	0.0	0.0	0.0	2	0	1.0	0.0	0.0	1.0	0.0	1	1
125														
150	1.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0
175														
200	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	1.7	0.0	3	5
225														
250														
275														
300	2.0	0.0	0.0	0.0	0.0	2	0							
325														
350														
375														
400	3.0	0.0	0.0	0.3	0.0	3	1	2.1	0.0	0.0	0.0	0.0	2	0
425														
450														
475														
500														
525														
550														
575														
600								1.0	0.0	0.0	0.0	0.0	1	0
625														
650														
675														
700														
725														
750														
775														
800	2.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0
825														
850														
875														
900														
925														
950														
975														
1000	1.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0

TABLE 365

DIAPHUS RAFINESQUEI

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY							NIGHT						
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.		TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.	
SURF								29.0	0.0	0.0	0.0	0.04	58	1
25								1.1	0.0	0.0	3.7	0.0	1	4
50	3.0	0.0	0.0	0.0	0.0	2	0							
75								1.0	0.0	0.0	1.0	0.0	1	1
100	6.0	0.0	0.0	0.0	0.0	6	0							
125								3.0	0.0	0.0	0.3	0.3	3	2
150	2.0	0.0	0.0	0.0	0.0	2	0							
175								2.0	0.0	0.0	0.0	0.5	2	1
200	6.0	0.0	0.0	0.0	0.0	6	0							
225														
250														
275														
300	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	1.3	3	4
325														
350														
375														
400	3.0	0.0	0.0	0.0	0.0	3	0	3.1	0.0	0.0	0.3	2.3	3	8
425														
450														
475														
500	3.0	0.0	0.0	1.3	1.0	3	7	3.0	0.0	0.0	0.0	0.7	3	2
525														
550														
575														
600	3.0	0.0	0.0	0.0	2.3	3	7	3.0	0.0	0.0	0.0	0.7	3	2
625														
650														
675														
700														
725														
750	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
775														
800														
825														
850														
875														
900														
925														
950														
975														
1000	3.0	0.0	0.0	0.0	0.0	2	0							

TABLE 366

DIAPHUS RAFINESQUEI

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY						NIGHT					
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR			NUMBER OF SAMP.-INDIV.	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR			NUMBER OF SAMP.-INDIV.
			JUVENILE	SUBADULT	ADULT				JUVENILE	SUBADULT	ADULT	
SURF												
25												
50												
75												
100												
125												
150												
175												
200												
225												
250												
275												
300												
325												
350												
375												
400												
425												
450												
475												
500	1.0	0.0	0.0	1.0	1.0	1	2					
525												
550												
575												
600												
625												
650												
675												
700	1.0	0.0	0.0	0.0	0.0	1	0					
725												
750												
775												
800												
825												
850												
875												
900												
925												
950												
975												
1000												

TABLE 367

DIAPHUS RAFINESQUEI

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY						NIGHT						
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR			NUMBER OF	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR			NUMBER OF	
			JUVENILE	SUBADULT	ADULT	SAMP.-INDIV.			JUVENILE	SUBADULT	ADULT	SAMP.-INDIV.	
SURF							7.8	0.0	0.0	0.0	0.0	15	0
25							1.0	0.0	0.0	0.0	0.0	1	0
50							1.0	0.0	0.0	0.0	0.0	1	0
75							1.0	0.0	0.0	0.0	0.0	1	0
100							1.0	0.0	0.0	0.0	0.0	1	0
125							1.0	0.0	0.0	0.0	0.0	1	0
150							1.0	0.0	0.0	0.0	0.0	1	0
175	1.0	0.0	0.0	0.0	0.0	1	0	1.0	0.0	0.0	0.0	1	0
200													
225													
250	1.0	0.0	0.0	0.0	0.0	1	0	1.0	0.0	0.0	0.0	1	0
275													
300													
325													
350	1.0	0.0	0.0	0.0	0.0	1	0	1.0	0.0	0.0	0.0	1	0
375													
400													
425	1.0	0.0	0.0	0.0	0.0	1	0	1.0	0.0	0.0	0.0	1	0
450													
475													
500	1.0	0.0	0.0	0.0	0.0	1	0	1.0	0.0	0.0	0.0	1	0
525													
550													
575													
600													
625													
650													
675	2.0	1.0	0.0	0.5	0.0	2	3						
700													
725													
750													
775													
800													
825													
850													
875													
900													
925													
950													
975													
1000													

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TABLE 368

DIAPHUS RAFINESQUEI
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)					
	150	235	375	500	700	940
34				0.5		
35						
36				0.5		
37				0.5		
38				0.5		
39				0.5		
40						
41						
42						
43						
44				0.5		
57				0.5		
58				0.5		
59						
60						
61						
62				1.0		
63				1.0		
64				0.5		
NO./HOUR	0.0	0.0	0.0	6.5	0.0	0.0
NO. HOURS	3.0	2.0	3.0	2.0	3.0	3.0
NO. SPEC.	0	0	0	13	0	0
NO. SAMPLES	3	2	3	2	3	3

TABLE 369

DIAPHUS RAFINESQUEI
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)							
	SURF	100	150	200	300	400	800	1000
44						0.3		
NO./HOUR	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
NO. HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
NO. SPEC.	0	0	0	0	0	1	0	0
NO. SAMPLES	2	2	1	2	2	3	1	1

TABLE 370

DIAPHUS RAFINESQUEI
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	50	100	150	200	300	400	500	600	750	1000
36							0.7			
37										
38										
39							0.3			
40										
41										
42							0.3			
54										
55								0.3		
56										
57							0.3	0.7		
58										
59										
60										
61										
62										
63								0.7		
64							0.3			
65										
66										
67										
68										
69									0.3	
70										
71										
72							0.3			
73										
74										
75										
76										
77										
78									0.3	
NO./HOUR	0.0	0.0	0.0	0.0	0.0	0.0	2.3	2.3	0.0	0.0
NO. HOURS	2.0	6.0	2.0	6.0	2.0	3.0	3.0	3.0	2.0	3.0
NO. SPEC.	0	0	0	0	0	0	7	7	0	0
NO. SAMPLES	2	6	2	6	2	3	3	3	2	2

TABLE 371

DIAPHUS RAFINESQUEI
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)	
	500	700
40	1.0	
59	1.0	
NO./HOUR	2.0	0.0
NO. HOURS	1.0	1.0
NO. SPEC.	2	0
NO. SAMPLES	1	1

TABLE 372

DIAPHUS RAFINESQUEI
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)					
	160	250	340	410	495	675
11						1.0
46						0.5
NO./HOUR	0.0	0.0	0.0	0.0	0.0	1.5
NO. HOURS	1.0	1.0	1.0	1.0	1.0	2.0
NO. SPEC.	0	0	0	0	0	3
NO. SAMPLES	1	1	1	1	1	2

TABLE 373

DIAPHUS RAFINESQUEI
NIGHTNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)							
	25	40	70	150	190	235	400	700
41							0.3	
42								
43								
44								
45					1.0	0.3		
60							0.3	
NO./HOUR	0.0	0.0	0.0	0.0	1.0	0.3	0.7	0.0
NO. HOURS	1.1	1.0	1.0	3.0	1.0	3.0	3.0	3.0
NO. SPEC.	0	0	0	0	1	1	2	0
NO. SAMPLES	2	1	1	3	1	3	3	3

TABLE 374

DIAPHUS RAFINESQUEI
NIGHTNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	12	45	100	150	200	400	600	800	1000
34			0.5							
35			0.5							
36			0.5							
37			0.5							
38				1.0						
39						0.3				
40						0.3				
41										
42										
43						0.7				
44										
45										
46										
47						0.3				
NO./HOUR	0.0	0.0	2.0	1.0	0.0	1.7	0.0	0.0	0.0	0.0
NO. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
NO. SPEC.	0	0	4	1	0	5	0	0	0	0
NO. SAMPLES	24	3	1	1	3	3	2	1	3	3

TABLE 375

DIAPHUS RAFINESQUEI
NIGHTNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	50	100	150	200	300	400	500	600	750
27							0.3			
28										
29										
30										
31										
32		0.9								
33										
34		0.9								
35										
36										
37		0.9	1.0							
38										
39		0.9								
40										
41										
42										
43										
44										
45				0.3						
46										
47										
48										
49										
50										
51										
52										
53	0.04			0.3						
54						0.3				
55										
56							0.6			
57							0.3			
58						0.3	0.3			
59							0.3			
60										
61						0.3	0.3			
62										
63					0.5					
64										
65										
66										
67										
68										
69						0.3			0.3	
70								0.7		
71										
72										
73							0.3			
74										
75									0.3	
76										
NO./HOUR	0.04	3.7	1.0	0.7	0.5	1.3	2.6	0.7	0.7	0.0
NO. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
NO. SPEC.	1	4	1	2	1	4	8	2	2	0
NO. SAMPLES	58	1	1	3	2	3	3	3	3	3

TABLE 376

DIAPHUS RAFINESQUEI
NIGHTNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)								
	SURF	50	80	135	195	250	325	425	510
60									1.0
74									1.0
NO./HOUR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0
NO. HOURS	7.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
NO. SPEC.	0	0	0	0	0	0	0	0	2
NO. SAMPLES	15	1	1	1	1	1	1	1	1

TABLE 377

DIAPYCNUS POLTI	NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 1								TOTALS
SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	
5	1								1
10									
11									
12		4							4
13		4							4
14		1							1
20									
24									
27				1			1		2
31									
32									
33									
34				1			4		5
35				7			6		13
36				4			5		9
37				2			2		4
39				5			2		7
40				1			2		3
41				3					3
42							1		1
TOTALS	1	5	0	25	0	0	24	0	55

TABLE 378

DIAPYCNUS POLTI	NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 2								TOTALS
SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	
6	1								1
7									
8									
9									
10	1								1
11	1								1
12		1							1
33							1		1
34									
35				1					1
TOTALS	2	1	0	1	0	0	1	0	4

TABLE 379

DIAPYCNUS POLTI	NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 3								TOTALS
SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	
10		5							5
11		6							6
12		3							3
13		3							3
14									
15		1							1
33							1		1
34									
35							1		1
36									
37									
38							1		1
39									
TOTALS	0	16	0	0	0	0	2	0	18

TABLE 380

DIAPYCNUS POLTI	NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 4								TOTALS
SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	
12		1							1
14		1							1
TOTALS	0	2	0	0	0	0	0	0	2

TABLE 381

CIAPHUS POLTI

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 5

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSEXED MALES	SUBADULT MALES	ADULT MALES	INDICATOR	TOTALS
11		1							1
12		4							4
13		5							5
14		4							4
15		1							1
16		1							1
17		1							1
TOTALS	0	17					0		17

TABLE 382

CIAPHUS POLTI

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY						NIGHT					
	TOTAL HOURS	POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.	TOTAL HOURS	POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.
SURF												
25							1.1	0.0	0.0	0.0	0.0	2 0
50							1.0	0.0	0.0	0.0	0.0	1 0
75							1.0	0.0	0.0	0.0	0.0	1 0
100												
125												
150	3.0	0.0	0.0	0.0	0.0	3	3.0	0.0	0.0	0.0	0.0	3 17
175												
200							1.0	0.0	0.0	0.0	0.0	1 9
225												
250	2.0	0.0	0.0	0.0	0.0	2	3.0	0.0	0.0	0.0	0.0	3 1
275												
300												
325												
350												
375	3.0	0.0	0.0	0.0	0.0	3	3.0	0.0	0.0	0.0	0.0	3 2
400												
425												
450												
475												
500	2.0	0.0	0.0	0.0	0.0	2						
525												
550												
575												
600												
625												
650												
675												
700	3.0	0.0	0.0	0.0	0.0	3	3.0	0.0	0.0	0.0	0.0	3 0
725												
750												
775												
800												
825												
850												
875												
900												
925												
950	3.0	0.0	0.0	0.0	0.0	3						
975												
1000												

TABLE 383

DIAPHUS MOLT I

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY							NIGHT						
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.		TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.	
SURF	2.0	0.0	0.0	0.0	0.0	2	0	11.9	0.0	0.0	0.0	0.0	24	0
25								1.5	0.0	0.0	0.0	0.0	3	0
50								2.0	0.0	0.0	0.0	0.0	1	0
75														
100	2.0	1.0	0.0	0.0	0.0	2	2	1.0	0.0	0.0	0.0	2.0	1	2
125														
150	1.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0
175														
200	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
225														
250														
275														
300	2.0	0.0	0.0	0.0	0.0	2	0							
325														
350														
375														
400	3.0	0.0	0.0	0.0	0.0	3	0	2.1	0.0	0.0	0.0	0.0	2	0
425														
450														
475														
500														
525														
550														
575														
600								1.0	0.0	0.0	0.0	0.0	1	0
625														
650														
675														
700														
725														
750														
775														
800	2.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0
825														
850														
875														
900														
925														
950														
975														
1000	1.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0

TABLE 384

DIAPHUS MOLT I

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY							NIGHT						
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.		TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.	
SURF								29.0	0.0	0.0	0.0	0.0	58	0
25														
50	2.0	0.0	0.0	0.0	0.0	2	0	1.1	0.0	0.0	0.0	0.0	1	0
75														
100	6.0	0.0	0.0	0.0	0.0	6	0	1.0	0.0	2.0	0.0	1.0	1	3
125														
150	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.7	3	2
175														
200	6.0	0.0	0.0	0.0	0.0	6	0	2.0	0.0	2.0	0.0	0.0	2	4
225														
250														
275														
300	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
325														
350														
375														
400	3.0	0.0	0.0	0.0	0.0	3	0	3.1	0.0	0.0	0.0	0.0	3	0
425														
450														
475														
500	3.0	0.0	0.0	0.0	0.0	3	0	3.0	0.0	0.0	0.0	0.0	3	0
525														
550														
575														
600	3.0	0.0	2.7	0.0	0.0	3	8	3.0	0.0	0.3	0.0	0.0	3	1
625														
650														
675														
700														
725														
750	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
775														
800														
825														
850														
875														
900														
925														
950														
975														
1000	3.0	0.0	0.0	0.0	0.0	2	0							

TABLE 385

DIAPHUS HOLTI

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY							NIGHT						
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.		TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.	
SURF														
25														
50														
75														
100														
125														
150														
175														
200														
225														
250														
275														
300														
325														
350														
375														
400														
425														
450														
475														
500	1.0	0.0	1.0	0.0	0.0	1	1							
525														
550														
575														
600														
625														
650														
675														
700	1.0	0.0	0.0	0.0	0.0	1	0							
725														
750														
775														
800														
825														
850														
875														
900														
925														
950														
975														
1000														

TABLE 386

DIAPHUS HOLTI

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY							NIGHT						
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.		TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.	
SURF								7.8	0.0	0.0	0.0	0.0	15	0
25														
50								1.0	0.0	0.0	0.0	0.0	1	0
75														
100								1.0	0.0	1.0	0.0	0.0	1	1
125														
150								1.0	0.0	0.0	0.0	0.0	1	0
175	1.0	0.0	1.0	0.0	0.0	1	1	1.0	0.0	9.0	0.0	0.0	1	9
200														
225														
250	1.0	0.0	0.0	0.0	0.0	1	0	1.0	0.0	0.0	0.0	0.0	1	0
275														
300														
325								1.0	0.0	0.0	0.0	0.0	1	0
350	1.0	0.0	0.0	0.0	0.0	1	0							
375														
400														
425	1.0	0.0	0.0	0.0	0.0	1	0	1.0	0.0	1.0	0.0	0.0	1	1
450														
475														
500	1.0	0.0	0.0	0.0	0.0	1	0							
525								1.0	0.0	0.0	0.0	0.0	1	0
550														
575														
600														
625														
650														
675	2.0	0.0	1.0	0.0	0.0	2	2							
700														
725														
750														
775														
800														
825														
850														
875														
900														
925														
950														
975														
1000														

TABLE 387

DIAPHUS MULTI
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)					
	150	235	375	500	700	940
12				1.5		
13				1.0		
40		0.5				
NO./HOUR	0.0	0.5	0.0	2.5	0.0	0.0
NO. HOURS	3.0	2.0	3.0	2.0	3.0	3.0
NO. SPEC.	0	1	0	5	0	0
NO. SAMPLES	3	2	3	2	3	3

TABLE 388

DIAPHUS MULTI
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)							
	SURF	100	150	200	300	400	800	1000
10		0.5						
11		0.5						
NO./HOUR	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
NO. HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
NO. SPEC.	0	2	0	0	0	0	0	0
NO. SAMPLES	2	2	1	2	2	3	1	1

TABLE 389

DIAPHUS MULTI
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	50	100	150	200	300	400	500	600	750	1000
10								0.7		
11								1.7		
12								0.3		
NO./HOUR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0
NO. HOURS	2.0	6.0	2.0	6.0	2.0	3.0	3.0	3.0	2.0	3.0
NO. SPEC.	0	0	0	0	0	0	0	8	0	0
NO. SAMPLES	2	6	2	6	2	3	3	3	2	2

TABLE 390

DIAPHUS MULTI
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)	
	500	700
14	1.0	
NO./HOUR	1.0	0.0
NO. HOURS	1.0	1.0
NO. SPEC.	1	0
NO. SAMPLES	1	1

TABLE 391

DIAPHUS MULTI
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)					
	160	250	340	410	495	675
13						0.5
14						0.5
15						
16						
17	1.0					
NO./HOUR	1.0	0.0	0.0	0.0	0.0	1.0
NO. HOURS	1.0	1.0	1.0	1.0	1.0	2.0
NO. SPEC.	1	0	0	0	0	2
NO. SAMPLES	1	1	1	1	1	2

TABLE 392

DIAPHUS MULTI
NIGHTNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)							
	25	40	70	150	190	235	400	700
12							0.3	
13						0.3	0.3	
14				0.3				
30								
31								
32								
33								
34				1.0				
35				2.0	3.0			
36				0.7	4.0			
37				0.7	1.0			
38				0.7	1.0			
39								
40				0.3				
NO./HOUR	0.0	0.0	0.0	5.7	9.0	0.3	0.7	0.0
NO. HOURS	1.1	1.0	1.0	3.0	1.0	3.0	3.0	3.0
NO. SPEC.	0	0	0	17	9	1	2	0
NO. SAMPLES	2	1	1	3	1	3	3	3

TABLE 393

DIAPHUS MULTI
NIGHTNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	12	45	100	150	200	400	600	800	1000
33				1.0						
34				1.0						
35										
NO./HOUR	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0
NO. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
NO. SPEC.	0	0	0	2	0	0	0	0	0	0
NO. SAMPLES	24	3	1	1	3	3	2	1	3	3

TABLE 394

DIAPHUS HOLTII
NIGHTNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	50	100	150	200	300	400	500	600	750
10									0.3	
11					0.5					
12			1.0		0.5					
13			1.0		0.5					
14										
15					0.5					
16										
33				0.3						
34										
35										
36				0.3						
37										
38										
39			1.0							
NO./HOUR	0.0	0.0	3.0	0.7	2.0	0.0	0.0	0.0	0.3	0.0
NO. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
NO. SPEC.	0	0	3	2	4	0	0	0	1	0
NO. SAMPLES	58	1	1	3	2	3	3	3	3	3

TABLE 395

DIAPHUS HOLTII
NIGHTNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)								
	SURF	50	80	135	155	250	325	425	510
11								1.0	
12			1.0		2.0				
13					3.0				
14					3.0				
15									
16					1.0				
NO./HOUR	0.0	0.0	1.0	0.0	9.0	0.0	0.0	1.0	0.0
NO. HOURS	7.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
NO. SPEC.	0	0	1	0	9	0	0	1	0
NO. SAMPLES	15	1	1	1	1	1	1	1	1

TABLE 396

LAPPANVCTLS CRICOLLIS

ALPHABET OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 1

SIZL MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
8									2
9	2								1
10	1								
11									
12									
13		1							1
14									
15		1							1
16									
17									
18		1							1
19		2							2
20		2							2
21		13							13
22		12							12
23		13							13
24		16							16
25		7							7
26		2							3
27		1							1
28		1							1
29		1							1
30									1
31		1							
32									
33									
34									
35									
36									
37									
38									
39									
40									
41		1							1
42		1							1
43									
44									
45									
46									
47									
48									
49									
50									
51									
52									
53									
54									
55									
56									
57									
58									
59									
60									
61		1							1
62		1							1
63									
64									
65									
66									
67									
68									
69									
70									
71									
72		1							1
73									
74									
75		1							1
76									
77									
78									
79									
80									
81									
82									
83									
84									
85									
86									
87									
88									
89									
90									
91									
92									
93									
94									
95									
96									
97									
98									
99									
100									
101									
102									
103									
104									
105									
106									
107									
108									
109									
110									
111									
112									
113									
114									
115									
116									
117									
118									
119									
120									
121									
122									
123									
124									
125									
126									
127									
128									
129									
130									
131									
132									
133									
134									
135									
136									
137									
138									
139									
140									
141									
142									
143									
144									
145									
146									
147									
148									
149									
150									
151									
152									
153									
154									
155									
156									
157									
158									
159									
160									
161									
162									
163									
164									
165									
166									
167									
168									
169									
170									
171									
172									
173									
174									
175									
176									
177									
178									
179									
180									
181									
182									
183									
184									
185									
186									
187									
188									
189									
190									
191									
192									
193									
194									
195									
196									
197									
198									
199									
200									
TOTALS	4	60	1	0	0	1	0	2	66

TABLE 397

LAPPALYCIUS CRUCIGILLIS

NUMBER OF SPECIMENS CAUGHT IN DISCRETE CFTF SAMPLES FROM ALL 2

SIZE MM	POSTLARVAE	JUVENILES	IMMADULT FEMALES	ADULT FEMALES	IMMADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
6	1							1
7								
8								
9	4							4
10	5							5
11	2							2
12	1							1
17		1						1
18								
19		1						1
20		2						2
21		2						2
22		1						1
23		10						10
24		1						1
25		2						2
26		2						2
27		3						3
28		3						3
29		1						1
30		1						1
31								
32								
33								
34								
35								
36		1						1
37								
38		1						1
39								
40								
41								
42								
43								
44		1						1
45								
46		1						1
47								
48								
49								
50								
51								
52		1						1
53								
54								
55		1						1
56								
57								
58								
59								
60								
61								
62		1						1
63								
64								
65								
66		1						1
67								
68								
69		2						2
70		1						1
71								
72								
73		1						1
74								
83			1					1
84								
101			1					1
102								
103								
104								
105								
106								
107								
108			1					1
125								
126			1					1
127			1					1
TOTALS	17	56	5	0	0	0	0	78

TABLE 398

LAMPANYCTUS CHOCOCILUS

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 2

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
7	1								1
9									
10									
11									
12									
13									
14		1							1
15		2							2
16									
17									
18		1							1
19									
20		1							1
21									
22									
23		1							1
24		2							2
25		1							1
26		4							4
27		4							4
28		4							4
29		2							2
30		2							2
31									
32		1							1
33		2							2
34		1							1
35									
36									
37		1							1
38									
39		1							1
40									
41									
42									
43		1							1
44		1							1
45		1							1
46									
47									
48									
49						1			1
50						1			1
51									
124			1						1
125									
126						1			1
127			1						1
128						1			1
129									
TOTALS	2	24	2		0	4			30

TABLE 399

LAMPANYCTUS CHOCOCILUS

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 4

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
20		1							1
TOTALS	0	1	0	0			0		1

TABLE 400

LAMPANYCTUS CHOCOCILUS

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 5

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
18		1							1
19		1							1
20		2							2
21									
22		1							1
23									
24		1							1
25									
26									
27									
28									
29									
30									
31		1							1
TOTALS	0	6	0	0	0	0	0	0	6

TABLE 401

LAMPANYCTUS CROCODILUS

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY						NIGHT					
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.
SURF												
25							1.1	0.0	0.0	0.0	0.0	2 0
50							1.0	0.0	0.0	0.0	0.0	1 0
75							1.0	0.0	0.0	0.0	0.0	1 4
100												
125												
150	3.0	0.0	0.0	0.0	0.0	3 0	3.0	1.0	0.0	0.0	0.0	3 3
175												
200							1.0	0.0	0.0	0.0	0.0	1 0
225												
250	2.0	0.0	0.0	0.0	0.0	2 0	3.0	0.0	0.0	0.0	0.0	3 0
275												
300												
325												
350												
375	3.0	0.0	0.0	0.0	0.0	3 0	3.0	0.0	0.0	0.0	0.0	3 1
400												
425												
450												
475												
500	2.0	0.0	0.0	0.0	0.0	2 0						
525												
550												
575												
600												
625												
650												
675												
700	3.0	0.0	21.8	0.3	0.0	3 67	3.0	0.0	2.0	0.3	0.0	3 7
725												
750												
775												
800												
825												
850												
875												
900												
925												
950	3.0	0.0	0.7	0.0	0.0	3 2						
975												
1000												

TABLE 402

LAMPANYCTUS CROCODILUS

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY						NIGHT					
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.
SURF												
25							11.9	0.0	0.0	0.0	0.0	24 0
50							1.5	0.0	0.0	0.0	0.0	3 0
75							2.0	5.5	8.0	0.0	0.0	1 21
100												
125	2.0	0.0	1.0	0.0	0.0	2 2	1.0	0.0	3.0	0.0	0.0	1 3
150												
175	1.0	0.0	0.0	0.0	0.0	1 0	3.0	0.3	0.3	0.0	0.0	3 2
200												
225	2.0	0.0	0.0	0.0	0.0	2 0	3.0	0.0	0.0	0.0	0.0	3 0
250												
275												
300												
325	2.0	0.0	0.0	0.0	0.0	2 0						
350												
375												
400	3.0	0.0	0.0	0.0	0.0	3 0	2.1	0.0	0.0	0.0	0.0	2 0
425												
450												
475												
500												
525												
550												
575												
600							1.0	0.0	0.0	0.0	0.0	1 0
625												
650												
675												
700												
725												
750												
775												
800	2.0	0.0	10.5	0.0	0.0	1 21	3.0	0.0	2.6	0.3	0.0	3 9
825												
850												
875												
900												
925												
950												
975												
1000	1.0	0.0	1.0	1.0	0.0	1 2	3.0	0.0	0.3	1.0	0.0	3 4

TABLE 403

LAMPANYCTUS CROCODILUS

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY						NIGHT					
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.
SURF							29.0	0.0	0.0	0.0	0.0	58 0
25												
50	2.0	0.0	0.0	0.0	0.0	2 0	1.1	0.0	0.9	0.0	0.0	1 1
75												
100	6.0	0.0	0.2	0.0	0.0	6 1	1.0	0.0	1.0	0.0	0.0	1 1
125												
150	2.0	0.0	0.5	0.0	0.0	2 1	3.0	0.0	0.0	0.0	0.0	3 0
175												
200	6.0	0.0	0.5	0.0	0.0	6 3	2.0	0.0	0.0	0.0	0.0	2 0
225												
250												
275												
300	2.0	0.0	0.0	0.0	0.0	2 0	3.0	0.0	0.0	0.0	0.0	3 0
325												
350												
375												
400	3.0	0.0	0.0	0.0	0.0	3 0	3.1	0.0	0.3	0.3	0.0	3 2
425												
450												
475												
500	3.0	0.0	0.0	0.0	0.0	3 0	3.0	0.0	0.0	0.0	0.0	3 0
525												
550												
575												
600	3.0	0.0	0.0	0.0	0.0	3 0	3.0	0.0	0.7	0.0	0.0	3 2
625												
650												
675												
700												
725												
750	2.0	0.0	5.5	0.5	0.0	2 12	3.0	0.0	0.8	0.4	0.0	3 4
775												
800												
825												
850												
875												
900												
925												
950												
975												
1000	3.0	0.0	0.5	0.2	0.0	2 3						

TABLE 404

LAMPANYCTUS CROCODILUS
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)					
	150	235	375	500	700	940
13					0.3	
14						
15						
16						
17						
18					0.3	
19					0.3	
20					0.7	
21					4.3	
22					4.0	
23					4.3	
24					5.0	
25					1.7	
26					0.3	
27					0.3	
28						
29					0.3	
42						0.3
63						
64						
65						
66						
67						
68						
69						
70						
71						
72						0.3
133					0.3	
NO./HOUR	0.0	0.0	0.0	0.0	22.1	0.7
NO. HOURS	3.0	2.0	3.0	2.0	3.0	3.0
NO. SPEC.	0	0	0	0	67	2
NO. SAMPLES	3	2	3	2	3	3

TABLE 405

LAMPANYCTUS CROCODILUS
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)							
	SURF	100	150	200	300	400	800	1000
19							0.5	
20							0.5	
21								
22							2.0	
23							2.5	
24							2.0	
25								
26							0.5	
27							1.5	
28		1.0						
29								
30							0.5	
31								
32								
33								
34								
35								
36								
37								
38							0.5	
39								1.0
40								
41								
42								1.0
43								
NO./HOUR	0.0	1.0	0.0	0.0	0.0	0.0	10.5	2.0
NO. HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
NO. SPEC.	0	2	0	0	0	0	21	2
NO. SAMPLES	2	2	1	2	2	3	1	1

TABLE 406

LAMPANYCTUS CROCODILUS
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	50	100	150	200	300	400	500	600	750	1000
14										
15		0.2								
16			0.5	0.2						
17										
18				0.2						
19										
20				0.2						
21										
22										
23									0.5	
24									1.5	
25									0.5	
26									1.0	
27									0.5	
28										
29									0.5	
30										
31										
32									0.5	
33										
34										
35										
36										
37										
38										
39										
40										0.2
41										
42										
43									0.5	
44										0.2
45										
124									0.5	
125										
126										
127										
128										0.2
NO./HOUR	0.0	0.2	0.5	0.5	0.0	0.0	0.0	0.0	6.0	0.7
NO. HOURS	2.0	6.0	2.0	6.0	2.0	3.0	3.0	3.0	2.0	3.0
NO. SPEC.	0	1	1	3	0	0	0	0	12	3
NO. SAMPLES	2	6	2	6	2	3	3	3	2	2

TABLE 407

LAMPANYCTUS CROCODILUS
NIGHTNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)							
	25	40	70	150	190	235	400	700
8				1.0				
9								
10								
11								
12								
13								
14								
15								0.3
16								
17								
18								0.3
19								
20								
21								
22			1.0					
23			1.0					
24			1.0					
25								
26						0.3		0.3
27								
28			1.0					
29								0.3
30								
31								
32								
33								
34								
35								
36								
37								
38								
39								
40								
41								0.3
42								
43								
44								
45								
46								
47								
48								
49								
50								
51								
52								
53								
54								
55								
56								
57								
58								
59								
60								
61								
62								
63								
64								
65								
66								
67								
68								
69								
70								
71								
72								
73								
74								
75								0.3
76								
77								
78								
79								
80								
81								
82								
83								
84								
85								
86								
87								
88								
89								
90								
91								
92								
93								
94								
95								
96								
97								
98								
99								
100								
101								
102								
103								
104								
105								
106								
107								
108								
109								
110								
111								
112								
113								
114								
115								
116								
117								
118								
119								
120								
121								
122								
123								0.3
124								
125								
NO./HOUR	0.0	0.0	4.0	1.0	0.0	0.0	0.3	2.3
NO. HOURS	1.1	1.0	1.0	3.0	1.0	3.0	3.0	3.0
NO. SPEC.	0	0	4	3	0	0	1	7
NO. SAMPLES	2	1	1	3	1	3	3	3

TABLE 408

LAMPRYCTUS CROCODILUS
NIGHTNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	SURF	DEPTHS SAMPLED (M)								
		12	45	100	150	200	400	600	800	1000
9			1.0		0.3					
10			3.0							
11			1.0							
12			0.5							
20			0.5							
21			0.5						0.3	
22			1.0							
23			1.0							
24					0.3					
25			1.0	1.0						
26										
27										
28			0.5							
29				1.0						
36			0.5							
44				1.0						
45										
46										
47										
48									0.3	
49										
50										
51										
52										
53									0.3	
54										
58										
63									0.3	
64									0.3	
65										
66										
67										
68									0.3	
69										
70									0.3	
71										0.3
72										
73									0.3	
101										
102										0.3
103										
104										
105										
106										
107										
108										
124										0.3
128										
130										
175										0.3
176										
177										
178										
NO./HOUR	0.0	0.0	10.5	3.0	0.7	0.0	0.0	0.0	0.3	
NO. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	2.9	1.3
NO. SPEC.	0	0	21	3	2	0	0	0	9	3.0
NO. SAMPLES	24	3	1	1	3	3	2	1	3	3

TABLE 409

LAMPANYCTUS CROCODILUS
NIGHTNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	50	100	150	200	300	400	500	600	750
26			1.0							
27										
28		0.9							0.3	
29										0.3
30										
31										
32										
33							0.3			
34										
35										
36									0.3	
37										
38										
39										
40										
41										
42										
43										
44										0.3
45										
46										
47							0.3			
48										
49										0.4
50										0.3
NO./HOUR	0.0	0.9	1.0	0.0	0.0	0.0	0.6	0.0	0.7	1.3
NO. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
NO. SPEC.	0	1	1	0	0	0	2	0	2	4
NO. SAMPLES	50	1	1	3	2	3	3	3	3	3

TABLE 410

LAMPANYCTUS PUSILLUS

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 1

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
15		3							3
16		4							4
17		2	1						3
18		3	1						4
19		1	2						3
20		1							1
21									
22			1			1			2
23			2			2			4
24			1			1			2
25						1			1
26									
27						5			5
28						9			9
29			2			4			6
30			7			4			11
31			1			5			6
32			1	1		4			6
33			2	10			7		19
34			4	14			5		23
35			1	21			7		29
36			5	28			12		45
37				19					19
38				10			1		11
39			1	3					4
TOTALS	0	14	23	106	0	26	32	0	241

TABLE 411

LAMPANYCTUS PUSILLUS

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 2

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	LASTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
7	2								2
8									
9									
10									
11									
12									
13		1							1
14		2							2
15		2							2
16		2							2
17						1			1
18		1	2						3
19									
20		1				1			2
21			1						1
22		1				1			2
23									
24			1						1
25			1			1			2
26			1						1
27						1			1
28			1			1			2
29			1			1			2
30			1			1			2
31			1			1			2
32			1	1		2			4
33									
34									
35				1			2		3
36				1			2		3
37				2			1		3
38				1					1
39				1					1
TOTALS	2	11	10	7	1	11	6	0	45

TABLE 412

LAMPANYCTUS PUSILLUS

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 3

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	LASTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
15		2							2
16		12							12
17		5							5
18		12							12
19		6							6
20		5	1						6
21		7							7
22		1							1
23			1						1
24									
25						1			1
26			1						1
27						1			1
28			2						2
29			1			4			5
30						1			1
31						1			1
32				1		2			3
33				1			3		4
34							3		3
35							1		1
36				1					1
37				2			2		4
TOTALS	0	51	6	5	0	10	9	0	81

TABLE 413

LAMPANYCTUS PUSILLUS

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 4

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
16		1							1
17		2							2
18		4							4
19		1							1
20		1							1
21		2							2
22		2							2
23			2			2			4
24			2			2			4
25			1			1			2
26			1						1
27						2			2
28						1			1
29									
30									
31						1			1
TOTALS	C	14	7	C		9	C	C	31

TABLE 414

LAMPANYCTUS PUSILLUS

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 5

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
16		1							1
17		2							2
18		5							5
19		5							5
20		2							2
21		1							1
22									
23			1					1	2
24									
25			1			1			2
26									
27			1						1
28			1						1
29									
30									
31						1			1
32						3			3
33			1	1					2
34									
35				1					1
36				1					1
37									
38			1						1
39				1					1
TOTALS	C	16	6	4	0	5	C	1	32

TABLE 415

LAMPANYCTUS PUSILLUS

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY							NIGHT						
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR		ADULT	NUMBER OF		TOTAL HOURS	POSTLARVA	NUMBER PER HOUR		ADULT	NUMBER OF	
			JUVENILE	SUBADULT		SAMP.-INDIV.				JUVENILE	SUBADULT		SAMP.-INDIV.	
SURF														
25								1.1	0.0	0.0	0.0	0.0	2	0
50								1.2	0.0	0.0	0.0	0.0	1	0
75								1.3	0.0	0.0	14.0	20.0	1	38
100														
125														
150	3.0	0.0	0.0	0.0	0.0	3	0	3.0	0.0	0.0	0.0	1.7	3	5
175														
200								1.0	0.0	0.0	0.0	0.0	1	0
225														
250	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
275														
300														
325														
350														
375	3.0	0.0	0.0	0.0	0.0	3	0	3.0	0.0	0.0	0.0	0.0	3	0
400														
425														
450														
475	2.0	0.0	0.5	0.0	0.0	2	1							
500														
525														
550														
575														
600														
625														
650														
675														
700	3.0	0.0	1.0	5.6	12.5	3	58	3.0	0.0	0.0	0.0	0.0	3	0
725														
750														
775														
800														
825														
850														
875														
900														
925														
950	3.0	0.0	0.0	1.0	2.3	3	10							
975														
1000														

TABLE 416

LAMPANYCTUS PUSILLUS

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY							NIGHT						
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR		ADULT	NUMBER OF		TOTAL HOURS	POSTLARVA	NUMBER PER HOUR		ADULT	NUMBER OF	
			JUVENILE	SUBADULT		SAMP.-INDIV.				JUVENILE	SUBADULT		SAMP.-INDIV.	
SURF	2.0	0.0	0.0	0.0	0.0	2	0	11.9	0.0	0.0	0.0	0.0	24	0
25								1.5	0.0	0.0	0.0	0.0	3	0
50								2.0	1.0	3.0	8.0	1.0	1	26
75														
100	2.0	0.0	0.0	0.0	0.0	2	0	1.0	0.0	0.0	1.0	5.0	1	6
125														
150	1.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.3	1.0	0.0	3	4
175														
200	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
225														
250														
275														
300	2.0	0.0	0.0	0.0	0.0	2	0							
325														
350														
375														
400	3.0	0.0	0.0	0.0	0.0	3	0	2.1	0.0	0.0	0.0	0.0	2	0
425														
450														
475														
500														
525														
550														
575														
600								1.0	0.0	0.0	0.0	1.0	1	1
625														
650														
675														
700														
725														
750														
775														
800	2.0	0.0	0.0	0.0	2.0	1	4	3.0	0.0	0.3	0.0	0.0	3	1
825														
850														
875														
900														
925														
950														
975														
1000	1.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0

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TABLE 417

LAMPANYCTUS PUSILLUS

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.90 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY							NIGHT						
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR			NUMBER OF		TOTAL HOURS	POSTLARVA	NUMBER PER HOUR			NUMBER OF	
			JUVENILE	SUBADULT	ADULT	SAMP.-INDIV.				JUVENILE	SUBADULT	ADULT	SAMP.-INDIV.	
SURF								29.0	0.0	0.0	0.0	0.0	58	0
25														
50	2.0	0.0	0.0	0.0	0.0	2	0	1.1	0.0	0.0	0.0	0.0	1	1
75														
100	6.0	0.0	0.0	0.0	0.0	6	0	1.0	0.0	0.0	4.0	1.0	1	5
125														
150	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
175														
200	6.0	0.0	0.0	0.0	0.0	6	0	2.0	0.0	0.0	0.0	0.0	2	0
225														
250														
275														
300	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
325														
350														
375														
400	3.0	0.0	0.0	0.0	0.0	3	0	3.1	0.0	0.0	0.0	0.0	3	0
425														
450														
475														
500	3.0	0.0	0.0	0.0	0.0	3	0	3.0	0.0	0.0	0.0	0.0	3	0
525														
550														
575														
600	3.0	0.0	16.5	0.7	0.0	3	52	3.0	0.0	0.0	0.0	0.0	3	0
625														
650														
675														
700														
725														
750	2.0	0.0	0.0	0.5	0.5	2	2	3.0	0.0	0.0	0.0	0.0	3	0
775														
800														
825														
850														
875														
900														
925														
950														
975														
1000	3.0	0.0	0.0	0.0	0.2	2	1							

TABLE 418

LAMPANYCTUS PUSILLUS

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4
SAMPLES WITHIN 1.90 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY							NIGHT						
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR			NUMBER OF		TOTAL HOURS	POSTLARVA	NUMBER PER HOUR			NUMBER OF	
			JUVENILE	SUBADULT	ADULT	SAMP.-INDIV.				JUVENILE	SUBADULT	ADULT	SAMP.-INDIV.	
SURF														
25														
50														
75														
100														
125														
150														
175														
200														
225														
250														
275														
300														
325														
350														
375														
400														
425														
450														
475														
500	1.0	0.0	1.0	0.0	0.0	1	1							
525														
550														
575														
600														
625														
650														
675														
700	1.0	0.0	3.0	10.0	0.0	1	13							
725														
750														
775														
800														
825														
850														
875														
900														
925														
950														
975														
1000														

TABLE 410

LAMPANYCTUS PUBELLUS

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY						NIGHT					
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.
SURF							7.8	0.0	0.0	0.0	0.0	15 0
25												
50							1.0	0.0	0.0	1.0	0.0	1 1
75												
100							1.0	0.0	0.0	0.0	2.0	1 10
125												
150							1.0	0.0	0.0	1.0	0.0	1 1
175	1.0	0.0	0.0	1.0	0.0	1 1	1.0	0.0	0.0	0.0	0.0	1 0
200												
225												
250	1.0	0.0	0.0	0.0	0.0	1 0	1.0	0.0	0.0	0.0	0.0	1 0
275												
300												
325							1.0	0.0	1.0	0.0	0.0	1 1
350	1.0	0.0	0.0	0.0	0.0	1 0						
375												
400												
425	1.0	0.0	0.0	0.0	0.0	1 0	1.0	0.0	0.0	0.0	0.0	1 0
450												
475												
500	1.0	0.0	0.0	0.0	0.0	1 0						
525							1.0	0.0	0.0	0.0	0.0	1 0
550												
575												
600												
625												
650												
675	2.0	0.0	2.0	0.0	0.0	2 4						
700												
725												
750												
775												
800												
825												
850												
875												
900												
925												
950												
975												
1000												

TABLE 420

LAMPANYCTUS PUSILLUS
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)					
	150	235	375	500	700	940
15					1.0	
16						
17				0.5		
18					0.3	
19						
20						
21						
22					0.3	
23					0.3	
24						
25						
26						
27					0.3	
28					1.0	0.3
29					0.3	
30					0.7	
31					1.0	
32					1.0	
33					1.7	
34					3.0	0.3
35					2.0	1.3
36					3.6	1.0
37					2.3	
38					0.3	0.3
NO./HOUR	0.0	0.0	0.0	0.5	19.2	3.3
NO. HOURS	3.0	2.0	3.0	2.0	3.0	3.0
NO. SPEC.	0	0	0	1	58	10
NO. SAMPLES	3	2	3	2	3	3

TABLE 421

LAMPANYCTUS PUSILLUS
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)							
	SURF	100	150	200	300	400	800	1000
32							0.5	
33								
34								
35								
36							0.5	
37								
38							0.5	
39							0.5	
NO./HOUR	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0
NO. HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
NO. SPEC.	0	0	0	0	0	0	4	0
NO. SAMPLES	2	2	1	2	2	3	1	1

TABLE 422

LAMPANYCTUS PUSILLUS
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	50	100	150	200	300	400	500	600	750	1000
15								0.7		
16								4.0		
17								1.7		
18								4.3		
19								2.0		
20								1.3		
21								2.3		
22								0.3		
23										
24										
25								0.3		
26										
27								0.3		
28										
29									0.5	
30										
31										
32										
33										
34										
35										0.2
36								0.5		
NO./HOUR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.1	1.0	0.2
NO. HOURS	2.0	6.0	2.0	6.0	2.0	3.0	3.0	3.0	2.0	3.0
NO. SPEC.	0	0	0	0	0	0	0	52	2	1
NO. SAMPLES	2	6	2	6	2	3	3	3	2	2

TABLE 423

LAMPANYCTUS PUSILLUS
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)	
	500	700
18	1.0	2.0
19		
20		
21		1.0
22		
23		3.0
24		3.0
25		1.0
26		1.0
27		2.0
NO./HOUR	1.0	13.0
NO. HOURS	1.0	1.0
NO. SPEC.	1	13
NO. SAMPLES	1	1

TABLE 424

LAMPANYCTUS PUSILLUS
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)					
	160	250	340	410	495	675
17						0.5
18						0.5
19						0.5
20						0.5
21						0.5
22						
23	1.0					
NO./HOUR	1.0	0.0	0.0	0.0	0.0	2.0
NO. HOURS	1.0	1.0	1.0	1.0	1.0	2.0
NO. SPEC.	1	0	0	0	0	4
NO. SAMPLES	1	1	1	1	1	2

TABLE 425

LAMPANYCTUS PUSILLUS
NIGHTNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)							
	25	40	70	150	190	235	400	700
16			2.0					
17			1.0					
18			1.0					
19			1.0					
20			1.0					
21			1.0					
22			1.0					
23			1.0					
24								
25								
26								
27			1.0					
28			3.0					
29			3.0					
30			2.0					
31			2.0					
32			1.0					
33			3.0					
34			4.0					
35			3.0	0.7				
36			8.0	1.0				
37								
38			2.0					
NO. HOUR	0.0	0.0	38.0	1.7	0.0	0.0	0.0	0.0
NO. HOURS	1.1	1.0	1.0	3.0	1.0	3.0	3.0	3.0
NO. SPEC.	0	0	38	5	0	0	0	0
NO. SAMPLES	2	1	1	3	1	3	3	3

TABLE 426

LAMPANYCTUS PUSILLUS
NIGHTNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	12	45	100	150	200	400	600	800	1000
7			1.0							
8										
9										
10										
11										
12										
13			0.5							
14										
15			1.0		0.3					
16			1.0							
17			0.5							
18			1.0						0.3	
19										
20			1.0							
21			0.5							
22			0.5							
23										
24			0.5							
25			0.5	1.0						
26					0.3					
27			0.5							
28			0.5		0.3					
29			1.0							
30			0.5							
31			0.5		0.3					
32			1.0							
33										
34			0.5	1.0						
35				2.0						
36			0.5	1.0						
37				1.0				1.0		
NO./HOUR	0.0	0.0	13.0	6.0	1.3	0.0	0.0	1.0	0.3	0.0
NO. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
NO. SPEC.	0	0	26	6	4	0	0	1	1	0
NO. SAMPLES	24	3	1	1	3	3	2	1	3	3

TABLE 427

LAMPANYCTUS PUSILLUS
NIGHTNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	50	100	150	200	300	400	500	600	750
28		0.9								
29			2.0							
30										
31			1.0							
32			1.0							
33			1.0							
NO./HOUR	0.0	0.9	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NO. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
NO. SPEC.	0	1	5	0	0	0	0	0	0	0
NO. SAMPLES	58	1	1	3	2	3	3	3	3	3

TABLE 428

LAMPANYCTUS PUSILLUS
NIGHTNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)								
	SURF	50	80	135	155	250	325	425	510
16			1.0						
17									
18			1.0						
19			4.0				1.0		
20			1.0						
21			1.0						
22			1.0						
23		1.0							
24			1.0						
25									
26									
27			1.0						
28			1.0						
29									
30									
31			1.0						
32			1.0	1.0					
33			2.0						
34									
35									
36									
37									
38									
39			1.0						
NO./HOUR	0.0	1.0	17.0	1.0	0.0	0.0	1.0	0.0	0.0
NO. HOURS	7.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
NO. SPEC.	0	1	17	1	0	0	1	0	0
NO. SAMPLES	15	1	1	1	1	1	1	1	1

TABLE 429

CEPHALOSCOPIUS MACEHENSIS

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 1

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
6	1								1
7	1								1
8	3								3
9	1								1
10	5								5
11	4								4
12	5								5
13	3	3							6
14	2	19							21
15	1	66							67
16		125							125
17		80							80
18		36							36
19		27							27
20		16							16
21		12							12
22		5							5
23		4							4
24		2							2
25		3							3
26		2							2
27									
28									
29									
30									
31									
32									
33									
34									
35									
36									
37									
38				1					1
39				6			3		9
40				1			8		9
41				3			9		12
42				3			7		10
43				5			13		18
44				4			8		12
45				4			8		12
46				2			1		3
47				2			3		5
48									
49							2		2
50							1		1
TOTALS	26	400	0	31	0	0	63	0	520

TABLE 430

CERATOSCOPELLUS MADERENSIS

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 2

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
8	1								1
9									1
10	1								3
11	2	1							1
12	1								2
13	1	1							3
14	1	2							10
15	2	8							19
16		19							40
17		40							45
18		42						1	45
19		42						1	42
20		41						1	28
21		28							24
22		24							19
23		17						2	6
24		6							
25									2
26		2							
27									
28									
29									
30									
31									
32									
33									
34									
35									
36									
37									
38									
39									
40									
41									
42							1		1
43									
44				1					1
45							1		1
46									
47				1					1
48									
49									
50									
51							1		1
52									
53				1			1		2
54									
55									
56									
57									
58				1			1		2
59									
60									
61							1		1
62									
63									
64									
65									
66									
67							1		1
68									
TOTALS	9	285	0	4	0	0	7	5	310

TABLE 431

CERATOSCOPELUS MADERENSIS

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 3

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
12	2								2
13	1								1
14	2	2							4
15	2	7							9
16	1	20							21
17		44							44
18		42							42
19		20							20
20		21							21
21		25							25
22		27							27
23		23							23
24		14							14
25		6							6
26		4							4
27		1				1		1	2
28		2				1		1	1
29			1						1
30				1					1
47									1
48				1					1
49				1					1
50									
51									
52									
53									
54									
55									
56							1		1
57									
58									
TOTALS	6	267	1	3	0	2	1	2	279

TABLE 432

CERATOSCOPELUS MADERENSIS

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 4

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
16		5							5
19		5							5
20		4							4
TOTALS	0	14	0	0	0	0	0	0	14

TABLE 433

CERATOSCOPELUS MADERENSIS

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 5

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
13	1								1
14									
15									
16									
17									
18		1							1
19		5							5
20		11							11
21		12							12
22		12							12
23		6							6
24		2							2
25		2							2
26		1							1
27									
28			1						1
29			1						1
30									
31									
32									
33									
34						1			1
35									
36									
37									
38									
39									
40									
41									
42							1		1
43									
44							1		1
45									
46									
47									
48									
49									
50				1					1
51				1					1
52									
53									
54									
55									
56							1		1
TOTALS	1	57	2	3		1	2		71

TABLE 434

CERATOSCOPELUS MADERENSIS

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY							NIGHT						
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.		TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.	
SURF														
25								1.1	0.0	8.5	0.0	2.8	2	12
50								1.0	0.0	8.0	0.0	0.0	1	8
75								1.0	4.0	0.0	0.0	10.0	1	14
100														
125														
150	3.0	0.0	0.3	0.0	0.0	3	1	3.0	0.7	0.0	0.0	3.3	3	12
175														
200								1.0	0.0	0.0	0.0	0.0	1	0
225														
250	2.0	0.0	0.5	0.0	0.0	2	1	3.0	1.0	0.0	0.0	0.0	3	3
275														
300														
325														
350														
375	1.0	0.0	0.0	0.0	0.0	3	1							
400														
425								3.0	0.3	0.0	0.0	0.0	3	1
450														
475														
500	2.0	0.0	0.5	0.0	0.5	2	2							
525														
550														
575														
600														
625														
650														
675														
700	1.0	1.3	109.7	0.0	0.0	3	317	3.0	1.3	11.0	0.0	0.0	3	37
725														
750														
775														
800														
825														
850														
875														
900														
925														
950	1.0	0.0	0.0	0.0	2.0	3	7							
975														
1000														

TABLE 435

CERATOSCOPELUS MADERENSIS

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY							NIGHT						
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	NUMBER PER HOUR SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.		TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	NUMBER PER HOUR SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.	
SURF	2.0	0.0	0.0	0.0	0.0	2	0	11.9	0.0	0.0	0.0	0.0	24	0
25								1.5	0.5	23.0	0.0	0.0	3	132
50								2.0	0.5	8.0	0.0	4.5	1	25
75														
100	2.0	0.0	0.0	0.0	0.0	2	0	1.0	0.0	0.0	0.0	0.0	1	0
125														
150	1.0	0.0	0.0	0.0	0.0	1	0	3.0	0.7	2.3	0.0	0.3	3	10
175														
200	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
225														
250														
275														
300	2.0	0.0	0.0	0.0	0.0	2	0							
325														
350														
375														
400	3.0	0.0	0.0	0.0	0.0	3	0	2.1	0.0	0.0	0.0	0.0	2	0
425														
450														
475														
500														
525														
550														
575														
600														
625								1.0	0.0	1.0	0.0	0.0	1	1
650														
675														
700														
725														
750														
775														
800	2.0	1.5	18.0	0.0	0.5	1	40	3.0	0.0	3.3	0.0	0.0	3	10
825														
850														
875														
900														
925														
950														
975														
1000	1.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0

TABLE 436

CERATOSCOPELUS MADERENSIS

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY							NIGHT						
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	NUMBER PER HOUR SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.		TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	NUMBER PER HOUR SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.	
SURF								29.0	0.0	0.0	0.0	0.0	50	0
25														
50	2.0	0.0	0.0	0.0	0.0	2	0	1.1	0.0	1.8	0.0	2.8	1	6
75														
100	4.0	0.0	0.2	0.0	0.0	6	1	1.0	0.0	1.0	0.0	0.0	1	1
125														
150	2.0	0.0	0.5	0.0	0.0	2	1	3.0	0.0	0.0	0.0	0.0	3	0
175														
200	6.0	0.0	0.5	0.0	0.0	6	3	2.0	0.0	0.5	0.0	0.0	2	1
225														
250														
275														
300	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.3	0.3	0.0	3	2
325														
350														
375														
400	3.0	0.0	0.0	0.0	0.0	3	0	3.1	0.0	0.0	0.0	0.0	3	0
425														
450														
475														
500	3.0	0.0	0.0	0.0	0.0	3	0	3.0	0.0	0.0	0.0	0.0	3	0
525														
550														
575														
600	3.0	0.0	1.3	0.0	0.0	3	4	3.0	0.0	0.3	0.0	0.0	3	1
625														
650														
675														
700														
725														
750	2.0	0.0	72.0	0.0	0.0	2	144	3.0	2.0	9.1	0.0	0.0	3	34
775														
800														
825														
850														
875														
900														
925														
950														
975														
1000	3.0	0.0	2.7	0.5	0.2	2	9							

TABLE 437

CERATOSCOPELUS MADERENSIS

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY						NIGHT					
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR		ADULT	NUMBER OF SAMP.-INDIV.	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR		ADULT	NUMBER OF SAMP.-INDIV.
			JUVENILE	SUBADULT					JUVENILE	SUBADULT		
SURF												
25												
50												
75												
100												
125												
150												
175												
200												
225												
250												
275												
300												
325												
350												
375												
400												
425												
450												
475												
500	1.0	0.0	0.0	0.0	0.0	1	0					
525												
550												
575												
600												
625												
650												
675												
700	1.0	0.0	10.0	0.0	0.0	1	10					
725												
750												
775												
800												
825												
850												
875												
900												
925												
950												
975												
1000												

TABLE 438

CERATOSCOPELUS MADERENSIS

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY						NIGHT					
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR		ADULT	NUMBER OF SAMP.-INDIV.	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR		ADULT	NUMBER OF SAMP.-INDIV.
			JUVENILE	SUBADULT					JUVENILE	SUBADULT		
SURF							7.8	0.0	0.0	0.0	0.0	15
25												
50							1.0	0.0	8.0	0.0	0.0	1
75												
100							1.0	1.0	36.0	3.0	5.0	1
125												
150							1.0	0.0	7.0	0.0	0.0	1
175	1.0	0.0	0.0	0.0	0.0	1	0	1.0	0.0	0.0	0.0	1
200												
225												
250	1.0	0.0	0.0	0.0	0.0	1	0	1.0	0.0	0.0	0.0	1
275												
300												
325												
350	1.0	0.0	0.0	0.0	0.0	1	0	1.0	0.0	0.0	0.0	1
375												
400												
425	1.0	0.0	0.0	0.0	0.0	1	0	1.0	0.0	0.0	0.0	1
450												
475												
500	1.0	0.0	0.0	0.0	0.0	1	0	1.0	0.0	0.0	0.0	1
525												
550												
575												
600												
625												
650												
675	2.0	0.0	0.0	0.0	0.0	2	0					
700												
725												
750												
775												
800												
825												
850												
875												
900												
925												
950												
975												
1000												

TABLE 439

CERATOSCOPELUS MADRENSIS
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)					
	150	235	375	500	700	940
9			0.3			
10						
11						
12					0.7	
13					1.3	
14					3.7	0.3
15					19.8	
16					37.4	
17	0.3	0.5			19.6	
18					8.0	
19				0.5	6.3	
20					3.3	
21					1.7	
22					1.0	
23					1.0	
24					0.3	
25					0.3	
40						0.3
41						1.0
42						0.3
43				0.5		
44						
45						
46						3.3
NO./HOUR	0.3	0.5	0.3	1.0	105.0	2.3
NO. HOURS	2.0	2.0	3.0	2.0	3.0	3.0
NO. SPEC.	1	1	1	2	117	7
NO. SAMPLES	3	2	3	2	3	3

TABLE 440

CERATOSCOPELUS MADRENSIS
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)							
	SURF	100	150	200	300	400	800	1000
14							0.5	
15							2.0	
16							3.0	
17							2.5	
18							2.0	
19							2.0	
20							2.5	
21							2.5	
22							2.5	
23							1.5	
24							0.5	
42							0.5	
NO./HOUR	0.0	0.0	0.0	0.0	0.0	0.0	22.0	0.0
NO. HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
NO. SPEC.	0	0	0	0	0	0	44	0
NO. SAMPLES	2	2	1	2	2	3	1	1

TABLE 441

CERATOSCOPELUS MADRENSIS
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	50	100	150	200	300	400	500	600	750	1000
14									0.5	
15									3.0	
16									4.0	0.5
17									10.5	1.0
18				0.3				0.3	11.5	0.7
19								1.0	8.0	
20		0.2							6.5	
21			0.5						7.0	
22									8.5	
23									6.5	
24				0.2					3.0	
25									1.5	0.2
26									1.0	
27										0.5
28				0.2					0.5	0.2
29				0.2						
49										
50										0.2
NO./HOUR	0.0	0.2	0.5	0.8	0.0	0.0	0.0	1.3	77.0	3.4
NO. HOURS	2.0	0.5	2.0	6.0	2.0	3.0	3.0	3.0	7.0	3.0
NO. SPEC.	0	1	1	5	0	0	0	4	144	9
NO. SAMPLES	2	6	2	6	2	3	3	3	2	7

TABLE 442

CERATOSCOPELUS MADERENSIS
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)	
	500	700
18		4.0
19		4.0
20		2.0
NO./HOUR	0.0	10.0
NO. HOURS	1.0	1.0
NO. SPEC.	0	10
NO. SAMPLES	1	1

TABLE 443

CERATOSCOPELUS MADERENSIS
NIGHTNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)							
	25	40	70	150	190	235	400	700
8			1.0					
9								
10			1.0			0.7	0.3	
11								1.0
12			2.0					0.3
13				0.3				0.3
14				0.3				1.7
15						0.3		2.0
16	1.0							3.3
17	3.5							3.4
18	1.0	3.0						0.3
19	1.0	1.0						
20		1.0						
21		2.0						
22		1.0						
23	1.0							
24								
25								
26	1.0							
27								
28			1.0					
29				0.3				
30	1.0		1.0	0.7				
31				0.7				
32				0.7				
33			1.0	0.7				
34			3.0	0.3				
35	0.8		2.0	0.7				
36			1.0					
37	1.0		1.0					
NO./HOUR	11.3	8.0	14.0	4.0	0.0	1.0	0.3	12.3
NO. HOURS	1.1	1.0	1.0	3.0	1.0	3.0	3.0	3.0
NO. SPEC.	12	8	14	12	0	3	1	37
NO. SAMPLES	2	1	1	3	1	3	3	3

TABLE 444

CERATOSCOPELUS MADERENSIS
NIGHTNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	12	45	100	150	200	400	600	800	1000
8			0.5							
9										
10		0.5								
11					0.3				0.3	
12					0.3					
13									0.3	
14									0.7	
15					0.3				1.0	
16			2.0		0.3				0.7	
17		5.6	4.0		0.3			1.0	0.7	
18		15.3	1.5		0.7					
19		22.3			0.3					
20		21.3	0.5		0.3					
21		9.7								
22		11.4								
23		8.1								
44			0.5						0.3	
45			0.5							
46										
47					0.3					
48										
49										
50										
51			0.5							
52										
53			1.0							
54										
55										
56										
57										
58			1.0							
61			0.5							
62										
63										
64										
65										
66										
67										
68			0.5							
NO./HOUR	0.0	94.1	13.0	0.0	3.3	0.0	0.0	1.0	3.3	0.0
NO. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
NO. SPEC.	0	132	26	0	10	0	0	1	10	0
NO. SAMPLES	24	3	1	1	3	3	2	1	3	3

TABLE 445

CERATOSCOPELUS MADERENSIS
NIGHTNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	50	100	150	200	300	400	500	600	750
13										0.3
14										1.0
15										1.0
16										2.5
17									0.3	4.5
18		0.9								1.3
19		0.9								0.3
20										
21			1.0							
22					0.5					
23										
24										
25						0.3				
26										
27										
28						0.3				
47		0.9								
48										
49		0.9								
50										
51										
52										
53										
54										
55										
56										
57										
58		0.9								
NO./HOUR	0.0	4.6	1.0	0.0	0.5	0.7	0.0	0.0	0.3	11.1
NO. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
NO. SPEC.	0	5	1	0	1	2	0	0	1	34
NO. SAMPLES	58	1	1	3	2	3	3	3	3	3

CERATOSCOPELUS MADERENSIS
NIGHT

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)								
	SURF	50	80	135	155	250	325	425	510
13			1.0						
14									
15									
16									
17									
18		1.0							
19		1.0	2.0	1.0					
20		1.0	9.0						
21		2.0	8.0	1.0					
22		3.0	7.0	2.0					
23			2.0	3.0					
24			3.0						
25			2.0						
26			3.0						
27									
28			1.0						
29			1.0						
30									
31									
32									
33									
34			1.0						
35									
36									
37									
38									
39									
40									
41									
42			1.0						
43									
44									
45			1.0						
46									
47									
48									
49									
50			1.0						
51			1.0						
52									
53									
54									
55									
56			1.0						
NO./HOUR	0.0	8.0	45.0	7.0	0.0	0.0	0.0	0.0	0.0
NO.-HOURS	7.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
NO. SPEC.	0	8	45	7	0	0	0	0	0
NO. SAMPLES	15	1	1	1	1	1	1	1	1

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PLATE 447

DATE	DESCRIPTION	AMOUNT	BALANCE
1964			
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
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20			
21			
22			
23			
24			
25			
26			
27			
28			
29			
30			
31			
TOTAL			

TABLE 448

ACTESCUPELUS KROYERI

NUMBER OF SPECIMENS CAUGHT IN DISJUNCT LUMPH SAMPLES FROM BOX 2

SIZE MM	POSTLARVAL	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNDESIGNATED FEMALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
34		1							1
35		1							1
36						1			1
37		1				1			2
38									
39						1		1	1
40						1			1
41						1			1
42									
43						1			1
44						1			1
45									
46									
47						1			1
48						1			2
49						1			1
50						2			2
51						1			1
52						1			1
TOTALS	0	0	0	0	0	16	0	1	17

TABLE 449

ACTESCUPELUS KROYERI

NUMBER OF SPECIMENS CAUGHT IN DISJUNCT LUMPH SAMPLES FROM BOX 2

SIZE MM	POSTLARVAL	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNDESIGNATED FEMALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
43			1						1
44									
45									
46									
47									
48						1			1
49			1						1
50			1						1
51			4						4
52									
53									
54									
55									
56			1						1
57									
58			2			2			4
59			1			1			2
60			1			1			2
61			1						1
62			1						1
63			1						1
64									
65						1			1
66									
67									
68									
69									
70						1			1
71						1			1
72									
73									
74									
75									
76									
77									
78									
TOTALS	0	0	16	0	0	0	2	1	26

TABLE 450

NOTOSCOPELUS KROYERI

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY							NIGHT						
	TOTAL HOURS	POSTLARVA	NUMBER PER JUVENILE	PER HOUR SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.		TOTAL HOURS	POSTLARVA	NUMBER PER JUVENILE	PER HOUR SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.	
SURF														
25								1.1	3.0	0.0	1.0	0.0	2	1
50								1.0	0.0	0.0	7.0	0.0	1	7
75								1.0	0.0	0.0	3.0	1.0	1	1
100														
125														
150	3.0	0.0	0.0	0.0	0.0	3	3	3.0	0.0	0.0	0.0	0.3	3	1
175														
200								1.0	3.0	0.0	0.0	0.0	1	0
225														
250	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
275														
300														
325														
350														
375	3.0	0.0	0.0	0.0	0.0	3	3	3.0	0.0	0.0	0.0	0.0	3	0
400														
425														
450														
475														
500	2.0	0.0	0.0	0.0	0.0	2	0							
525														
550														
575														
600														
625														
650														
675														
700	3.0	0.0	0.0	0.0	0.0	3	3	3.0	0.0	0.3	0.0	0.0	3	1
725														
750														
775														
800														
825														
850														
875														
900														
925														
950	3.0	0.0	0.0	0.0	0.0	3	3							
975														
1000														

TABLE 451

NOTOSCOPELUS KROYERI

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY							NIGHT						
	TOTAL HOURS	POSTLARVA	NUMBER PER JUVENILE	PER HOUR SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.		TOTAL HOURS	POSTLARVA	NUMBER PER JUVENILE	PER HOUR SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.	
SURF														
25								11.9	0.0	0.0	0.0	0.0	24	0
50								1.5	0.0	0.7	0.0	0.0	3	1
75								2.0	0.0	0.0	7.5	0.0	1	15
100														
125	2.0	0.0	0.0	0.0	0.0	2	0	1.0	0.0	0.0	0.0	0.0	1	0
150														
175	1.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0
200														
225	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
250														
275														
300														
325	2.0	0.0	0.0	0.0	0.0	2	0							
350														
375														
400	3.0	0.0	0.0	0.0	0.0	3	0	2.1	0.0	0.0	0.0	0.0	2	0
425														
450														
475														
500														
525														
550														
575														
600														
625								1.0	0.0	0.0	0.0	0.0	1	0
650														
675														
700														
725														
750														
775														
800	2.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0
825														
850														
875														
900														
925														
950														
975														
1000	1.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0

TABLE 452

NOTOSCOPULUS KROYERI

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY							NIGHT						
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR			NUMBER OF		TOTAL HOURS	POSTLARVA	NUMBER PER HOUR			NUMBER OF	
			JUVENILE	SUBADULT	ADULT	SAMP.	INDIV.			JUVENILE	SUBADULT	ADULT	SAMP.	INDIV.
SURF								29.0	0.0	0.0	0.0	0.0	58	0
25	2.0	0.0	0.0	0.0	0.0	2	0	1.1	0.0	0.0	3.7	0.0	1	4
50								1.0	0.0	0.0	0.0	0.0	1	0
75	6.0	0.0	0.0	0.0	0.0	6	0	3.0	0.0	0.0	0.0	0.3	3	1
100								2.0	0.0	0.0	0.0	0.5	2	1
125														
150	2.0	0.0	0.0	0.0	0.0	2	0							
175														
200	6.0	0.0	0.0	0.0	0.0	6	0							
225														
250														
275														
300	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
325														
350														
375														
400	3.0	0.0	0.0	0.0	0.0	3	0	3.1	0.0	0.0	0.0	0.0	3	0
425														
450														
475														
500	3.0	0.0	0.0	0.0	0.0	3	0	3.0	0.0	0.0	0.0	0.0	3	0
525														
550														
575														
600	3.0	0.0	0.0	0.0	0.0	3	0	3.0	0.0	0.0	0.0	0.0	3	0
625														
650														
675														
700														
725														
750	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
775														
800														
825														
850														
875														
900														
925														
950														
975														
1000	3.0	0.0	0.0	0.0	0.0	2	0							

TABLE 453

NOTOSCOPULUS KROYERI
NIGHTNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)							
	25	40	70	150	190	235	400	700
20								0.3
21								
22								
23								
24								
25								
26								
27								
28		2.0						
29								
30								
31								
32								
33								
34		1.0						
35								
36		1.0						
37								
38								
39								
40								
41								
42								
43	1.0							
44								
45		1.0						
46								
47								
48								
49								
50								
51		1.0						
52								
53		1.0						
54		1.0						
55								
56								
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300								

NOTOSCOPELUS KROYER!
NIGHT

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	12	45	100	150	200	400	600	800	1000
24		0.7								
25										
26										
27										
28										
29										
30										
31										
32										
33										
34			0.5							
35										
36			0.5							
37										
38										
39			0.5							
40			0.5							
41			0.5							
42										
43			0.5							
44			0.5							
45										
46										
47			0.5							
48			1.0							
49			0.5							
50			1.0							
51										
52										
53										
54										
55										
56										
57										
58			0.5							
59			0.5							
NO./HOUR	0.0	0.7	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NO. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
NO. SPEC.	0	1	15	0	0	0	0	0	0	0
NO. SAMPLES	24	3	1	1	3	3	2	1	3	3

NOTOSCOPELUS KADYERI
NIGHT

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	50	100	150	200	300	400	500	600	750
56		0.9								
57										
58										
59		1.8								
60										
61		0.9								
81				0.3						
95					0.5					
NO./HOUR	0.0	3.7	0.0	0.3	0.5	0.0	0.0	0.0	0.0	0.0
NO. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
NO. SPEC.	0	4	0	1	1	0	0	0	0	0
NO. SAMPLES	58	1	1	3	2	3	3	3	3	3

TABLE 456

ACTOSOPHELUS ELEGATUS

NUMBER OF SPECIMENS CAUGHT IN FISC NETS & THE SAMPLES F. & MID 2

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTABLE MALES	SUBADULT MALES	ADULT MALES	UNDETERMINED	TOTALS
36						1			1
37									
38									
39									
40									
41									
42									
43									
44									
45									
46									
47			1						1
48			1						1
49									
50									
51									
52									
53									
54						1			1
55									
56									
57									
58									
59									
60									
61									
62						1			1
TOTALS	0	0	2	0	0	0	0	0	3

TABLE 457

ACTOSOPHELUS ELEGATUS

NUMBER OF SPECIMENS CAUGHT IN ELONGATE NETS & THE SAMPLES F. & MID 2

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTABLE MALES	SUBADULT MALES	ADULT MALES	UNDETERMINED	TOTALS
37			2						2
38									
39									
40									
41									
42						1			1
43									
44									
45									
46									
47									
48						1			1
49			1			1			2
50									
51						1			1
52									
53						1			1
54									
55						1			1
56									
57									
58			1						1
59									
60			1						1
61									
62									
63									
64									
65									
66									
67									
68									
69			1						1
70									
71			1						1
72									
73						1			1
74									
75									
76									
77									
78									
79									
80									
81									
82									
83									
84									
85									
86			1						1
TOTALS	0	0	6	0	0	6	0	0	12

TABLE 458

ACTOSCOPELUS ELONGATUS

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 3

SIZE MP	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	LASTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
34						1			1
TOTALS	0	0	0	0	0	1	0	0	1

TABLE 459

NOTOSCOPELUS ELONGATUS

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY							NIGHT						
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR		ADULT	NUMBER OF		TOTAL HOURS	POSTLARVA	NUMBER PER HOUR		ADULT	NUMBER OF	
			JUVENILE	SUBADULT		SAMP.-INDIV.				JUVENILE	SUBADULT		SAMP.-INDIV.	
SURF														
25								1.1	0.0	0.0	0.0	0.0	2	0
50								1.0	0.0	0.0	0.0	0.0	1	0
75								1.0	0.0	0.0	0.0	0.0	1	0
100														
125														
150	3.0	0.0	0.0	0.0	0.0	3	0	3.0	0.0	0.0	0.0	0.0	3	0
175								1.0	0.0	0.0	0.0	0.0	1	0
200														
225								3.0	0.0	0.0	0.0	0.0	3	0
250	2.0	0.0	0.0	0.0	0.0	2	0							
275														
300														
325														
350														
375	3.0	0.0	0.0	0.3	0.0	3	1	3.0	0.0	0.0	0.0	0.0	3	0
400														
425														
450														
475														
500	2.0	0.0	0.0	1.5	0.0	2	3							
525														
550														
575														
600														
625														
650														
675														
700	3.0	0.0	0.0	0.0	0.0	3	0	3.0	0.0	0.0	0.0	0.0	3	0
725														
750														
775														
800														
825														
850														
875														
900														
925														
950	3.0	0.0	0.0	0.0	0.0	3	0							
975														
1000														

TABLE 460

NOTOSCOPELUS ELONGATUS

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY						NIGHT					
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.
SURF	2.0	0.0	0.0	0.0	0.0	2	11.9	0.0	0.0	0.0	0.0	24
25						0	1.5	0.0	0.0	0.0	0.0	3
50						0	2.0	0.0	0.0	2.0	0.0	4
75												
100	2.0	0.0	0.0	0.0	0.0	2	1.0	0.0	0.0	1.0	0.0	1
125						0						
150	1.0	0.0	0.0	0.0	0.0	1	3.0	0.0	0.0	0.3	0.0	3
175						0						
200	2.0	0.0	0.0	0.0	0.0	2	3.0	0.0	0.0	0.0	0.0	3
225						0						
250												
275												
300	2.0	0.0	0.0	0.0	0.0	2						
325						0						
350												
375												
400	3.0	0.0	0.0	0.0	0.0	3	2.1	0.0	0.0	0.0	0.0	2
425						0						
450												
475												
500												
525												
550												
575												
600							1.0	0.0	0.0	0.0	0.0	1
625						0						
650												
675												
700												
725												
750												
775												
800	2.0	0.0	0.0	0.0	0.0	1	3.0	0.0	0.0	0.0	0.0	3
825						0						
850												
875												
900												
925												
950												
975												
1000	1.0	0.0	0.0	3.0	0.0	1	3.0	0.0	0.0	0.0	0.0	3

TABLE 461

NOTOSCOPELUS ELONGATUS

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY						NIGHT					
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.
SURF							29.0	0.0	0.0	0.0	0.0	58
25												
50	2.0	0.0	0.0	0.0	0.0	2	1.1	0.0	0.0	0.0	0.0	1
75						0						
100	6.0	0.0	0.0	0.0	0.0	6	1.0	0.0	0.0	1.0	0.0	1
125						0						
150	2.0	0.0	0.0	0.0	0.0	2	3.0	0.0	0.0	0.0	0.0	3
175						0						
200	6.0	0.0	0.0	0.0	0.0	6	2.0	0.0	0.0	0.0	0.0	2
225						0						
250												
275												
300	2.0	0.0	0.0	0.0	0.0	2	3.0	0.0	0.0	3.0	0.0	3
325						0						
350												
375												
400	3.0	0.0	0.0	0.0	0.0	3	3.1	0.0	0.0	0.0	0.0	3
425						0						
450												
475												
500	3.0	0.0	0.0	0.0	0.0	3	3.0	0.0	0.0	0.0	0.0	3
525						0						
550												
575												
600	3.0	0.0	0.0	0.0	0.0	3	3.0	0.0	0.0	0.0	0.0	3
625						0						
650												
675												
700												
725												
750	2.0	0.0	0.0	0.0	0.0	2	3.0	0.0	0.0	0.0	0.0	3
775						0						
800												
825												
850												
875												
900												
925												
950												
975												
1000	3.0	0.0	0.0	0.0	0.0	2						

TABLE 462

NOTOSCOPELUS ELONGATUS
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED-1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)					
	150	235	375	500	700	940
36				0.5		
37						
38						
39						
40						
41						
42						
43						
44						
45						
46						
47						
48			0.3			
49				0.5		
50						
51						
52						
53						
54				0.5		
NO./HOUR	0.0	0.0	0.3	1.5	0.0	0.0
NO. HOURS	3.0	2.0	3.0	2.0	3.0	3.0
NO. SPEC.	0	0	1	3	0	0
NO. SAMPLES	3	2	3	2	3	3

TABLE 463

NOTOSCOPELUS ELONGATUS
DAYNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED-2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)							
	SURF	100	150	200	300	400	800	1000
37								2.0
38								
39								
40								
41								
42								
43								
44								
45								
46								
47								1.0
NO./HOUR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0
NO. HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
NO. SPEC.	0	0	0	0	0	0	0	3
NO. SAMPLES	2	2	1	2	2	3	1	1

TABLE 464

NOTOSCOPELUS ELONGATUS
NIGHTNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	12	45	100	150	200	400	600	800	1000
42				1.0						
43										
44										
45										
46										
47										
48										
49										
50										
51										
52										
53										
54										
55										
56										
57										
58										
59			1.0							
60										
61										
62										
63										
64										
65					0.3					
66										
67										
68			0.9							
69										
70			0.9							
71										
NO./HOUR	0.0	0.0	2.0	1.0	0.3	0.0	0.0	0.0	0.0	0.0
NO. HOURS	11.9	1.9	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
NO. SPEC.	0	0	4	1	1	0	0	0	0	0
NO. SAMPLES	24	3	1	1	3	3	2	1	3	3

TABLE 465

NOTOSCOPELUS ELONGATUS
NIGHTNUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	50	100	150	200	300	400	500	600	750
34			1.0							
NO./HOUR	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NO. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
NO. SPEC.	0	0	1	0	0	0	0	0	0	0
NO. SAMPLES	50	1	1	3	2	3	3	3	3	3

TABLE 466. ALL SPECIES COMBINED. STATION 1, DAY: NUMBER OF SPECIMENS PER HOUR IN DISCRETE-DEPTH SAMPLES. SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED.

Size mm	Depths Sampled (m)					
	150	235	375	500	700	940
6			0.7			
7	0.3		1.0	1.0		
8			2.3		1.3	
9			0.3		4.6	
10				1.5	2.6	5.3
11			2.7	11.0	4.3	6.7
12		0.5	10.7	33.5	8.3	0.3
13			8.0	28.0	24.5	0.3
14		0.5	5.3	25.0	50.5	0.7
15			9.7	33.5	70.7	2.0
16			13.0	56.5	95.1	5.3
17	0.3	0.5	14.0	51.5	58.3	11.3
18			19.3	56.5	31.0	10.0
19			25.7	75.5	25.4	8.0
20	0.3		25.7	88.5	23.8	8.3
21	0.3		26.0	70.5	20.2	6.7
22	0.3		18.3	66.0	22.3	3.7
23			10.7	42.5	26.3	0.7
24			4.0	23.5	17.9	
25			2.7	10.5	8.3	0.3
26			0.7	3.0	4.3	
27			0.7	2.0	3.0	0.3
28			1.0	1.0	1.7	1.0
29			0.7	4.5	1.6	
30			0.3	1.0	1.3	
31				2.5	1.7	
32				0.5	1.7	0.3
33			0.7	0.5	2.0	
34	0.3			1.0	4.3	0.3
35				0.5	2.0	1.3
36				1.0	3.9	1.3
37				0.5	3.0	
38				1.0	0.3	0.3
39				0.5		
40	0.3	0.5				0.3
41						1.0
42				0.5	0.3	0.3
43				0.5		
44				0.5		
46						0.3
48			0.3			
49				0.5		
50			0.3	0.5		
52			0.3		0.3	
54				0.5		
56			0.3			
57				0.5		
58				0.5		
60					0.3	
61					0.3	
62				1.0		0.3
63				1.0		
64				0.5		
66			0.3			
69	0.3					
70	0.3					
72						0.3
79					0.3	
80					0.3	
85	0.3					
117					0.3	
120	0.3					
133					0.3	
190						0.3

No./Hour	3.7	2.0	205.7	701.0	529.0	77.7
No. Hours	3.0	2.0	3.0	2.0	3.0	3.0
No. Specimens	11	4	617	1402	1596	233
No. Samples	3	2	3	2	3	3

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TABLE 467. ALL SPECIES COMBINED. STATION 2, DAY: NUMBER OF SPECIMENS PER HOUR IN DISCRETE-DEPTH SAMPLES. SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED.

Size mm	Depths Sampled (m)							
	Surf	100	150	200	300	400	800	1000
7						0.7		
8					1.0	1.3		
9					1.5	1.0	1.0	
10		2.0	1.0		2.0		19.5	30.0
11		0.5			1.5		18.0	5.0
12					0.5	0.7	1.5	1.0
13					2.5	0.3	4.0	6.0
14			1.0		5.5	0.7	17.0	9.0
15			1.0		11.5	3.3	53.5	10.0
16		0.5			9.5	6.0	103.0	15.0
17					11.5	2.7	111.0	34.0
18					4.0	8.3	109.0	39.0
19			2.0		4.5	18.0	92.5	30.0
20					2.5	18.3	56.0	31.0
21		0.5			2.0	9.3	43.5	11.0
22				0.5	1.5	7.7	22.5	6.0
23		0.5				2.7	14.0	
24						1.7	5.0	2.0
25					0.5	0.7	2.5	2.0
26						1.0	1.0	2.0
27						1.0	2.5	
28		1.0				0.3	1.0	1.0
29						0.3	1.0	
30		0.5				0.3	2.5	
31						0.3	1.0	
32						0.3	1.5	
33							1.0	
34		0.5					0.5	
35							1.5	
36		0.5				0.3	0.5	
37								2.0
38					0.5		2.5	
39		0.5					0.5	2.0
40					0.5		0.5	
41		0.5					0.5	
42							0.5	
44						0.3		
45							0.5	
47								1.0
52		0.5						
53						0.3		
59		0.5						
60		0.5						
63		0.5						
67					0.5			
69								1.0
71							0.5	
74		0.5						
75					0.5			
83								1.0
98				0.5				
114							0.5	
134							0.5	
No./Hour	0.0	10.0	5.0	1.0	64.0	88.0	694.0	241.0
No. Hours	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
No. Specimens	0	20	5	2	128	264	1388	241
No. Samples	2	2	1	2	2	3	1	1

TABLE 468. ALL SPECIES COMBINED. STATION 3, DAY: NUMBER OF SPECIMENS PER HOUR IN DISCRETE-DEPTH SAMPLES. SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED.

Size mm	Depth Sampled (m)									
	50	100	150	200	300	400	500	600	750	1000
6						0.3				
7						0.3	0.3			
8		0.2								
9		0.5							0.5	
10		0.3					1.0	2.3	0.5	
11		0.2		0.2	1.0	0.3	8.7	3.0	0.5	0.2
12		0.8			5.5		48.0	3.7	3.5	0.2
13		0.8			7.5	3.7	48.0	7.3	6.5	3.4
14		0.8			5.0	4.0	39.7	5.3	9.5	3.9
15		0.5	2.5	0.2	6.0	6.3	51.7	17.2	13.0	4.7
16					9.5	2.3	50.3	19.9	11.0	9.3
17		0.3	1.5	0.2	3.5	4.0	48.3	9.2	14.0	10.8
18		0.3	1.5	0.5	6.0	1.0	63.3	15.8	14.0	5.4
19		0.2	1.0	0.2	9.0	1.3	69.7	24.7	11.5	4.9
20		0.2	0.5	0.3	10.5	2.0	53.7	29.7	7.0	4.7
21			1.0	0.2	1.5	1.3	25.3	34.0	11.5	1.5
22			0.5		1.5	0.3	7.0	10.9	8.5	1.5
23		0.2			0.5	0.7	2.0	4.0	7.5	1.2
24				0.2		0.7		0.7	4.5	0.2
25						0.7	1.0	0.3	2.0	0.7
26						0.7	1.0		2.5	0.7
27								0.3	1.0	0.7
28			0.5	0.2		0.3	1.0		1.5	1.0
29				0.2				0.3	1.5	0.5
30		0.2	0.5			0.3		0.3	1.5	
31						0.3		0.3		
32				0.2				0.3	1.5	0.2
33							0.3	0.7	0.5	0.2
34								1.0		
35					0.5					0.5
36							1.3	0.7	0.5	
37							0.3	0.7	0.5	
38								0.3		
39				0.2		0.3	0.3	0.7		0.2
40						0.7		0.7		
41								0.3		
42			0.5				0.3	0.3		
43							0.3		0.5	
44					0.5			0.3	0.5	0.2
45			0.5					0.3		
46								0.3	0.5	
47								0.7		
49				0.3				0.7		
50		0.2					0.3	0.3		0.2
52		0.2								
53		0.2						0.3		
54								0.3		
55			1.0	0.2						
57							0.3	0.7		
58		0.2								
59		0.2								
60								0.3	0.5	0.5
61				0.2				0.7	0.5	
62										
63			0.5				0.3			
65							0.3			
66				0.2						
68								0.3		
69								0.3		
70					0.5					
71				0.2						
72							0.3			
74		0.2								
78								0.3		
89			1.0							
97								0.3	0.5	
100				0.2						
118									0.5	
121				0.2						
124								0.3	0.5	
128										0.2
No./Hour	0.0	6.5	13.0	3.8	68.5	31.3	521.3	201.6	140.5	58.1
No. Hours	2.0	6.0	2.0	6.0	2.0	3.0	3.0	3.0	3.0	3.0
No. Specimens	0	39	26	23	137	94	1564	610	361	182
No. Samples	2	6	2	6	2	3	3	3	3	2

TABLE 469. ALL SPECIES COMBINED. STATION 4, DAY: NUMBER OF SPECIMENS PER HOUR IN DISCRETE-DEPTH SAMPLES. SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED.

Size mm	Depths Sampled (m)	
	500	700
7		1.0
-		
10	1.0	
11	5.0	
12	23.0	7.0
13	44.0	10.0
14	68.0	8.0
15	51.0	3.0
16	30.0	5.0
17	22.0	5.0
18	27.0	7.0
19	45.0	6.0
20	54.0	6.0
21	43.0	5.0
22	14.0	6.0
23	6.0	8.0
24	4.0	5.0
25	4.0	1.0
26	2.0	2.0
27	1.0	2.0
28		1.0
29	1.0	
-		
37		1.0
-		
40	1.0	
-		
59	1.0	1.0
No./Hour	447.0	90.0
No. Hours	1.0	1.0
No. Specimens	447	90
No. Samples	1	1

TABLE 470. ALL SPECIES COMBINED. STATION 5, DAY: NUMBER OF SPECIMENS PER HOUR IN DISCRETE-DEPTH SAMPLES. SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED.

Size mm	Depths Sampled (m)					
	160	250	340	410	495	675
8					1.0	
-						
11						3.0
12						1.0
13	1.0				1.0	3.5
14					2.0	8.0
15					1.0	3.5
16						2.5
17	1.0	1.0				2.5
18					1.0	1.0
19					2.0	2.5
20						8.0
21						5.0
22						3.5
23					1.0	0.5
24						0.5
-						
29						0.5
-						
38	1.0					0.5
39						0.5
40						0.5
-						
46						0.5
-						
90		1.0				
-						
98				1.0		
-						
102						0.5
No./Hour	3.0	2.0	1.0	0.0	9.0	48.0
No. Hours	1.0	1.0	1.0	1.0	1.0	2.0
No. Specimens	3	2	1	0	9	96
No. Samples	1	1	1	1	1	2

TABLE 471. ALL SPECIES COMBINED. STATION 1, NIGHT: NUMBER OF SPECIMENS PER HOUR IN DISCRETE-DEPTH SAMPLES. SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED.

Size mm	Depth Sampled (m)						
	25	40	70	150	190	235	400
5							0.3
7			1.0			0.3	1.7
8			2.6	1.3			1.3
9				0.7		1.3	0.3
10			3.0	1.0		4.3	0.3
11						1.0	2.3
12			3.0	1.0		0.7	18.7
13			8.0	2.7		2.3	15.3
14			15.0	1.0		1.7	11.0
15		1.0	9.0	0.3		2.0	10.3
16	1.0		8.0	0.3		0.7	12.7
17	3.5		7.0	0.3		0.7	8.3
18	4.0	3.0	3.0	0.3		0.3	14.7
19	2.0	4.0	3.0	0.7			24.0
20		7.0	3.0			1.7	26.0
21		4.0	4.0		1.0	1.3	21.0
22		3.0	7.0			2.3	13.3
23	1.0	1.0	7.0	0.3		1.3	4.3
24			4.0			1.3	1.0
25		1.0	6.0		4.0	1.0	1.3
26	1.0		13.0			0.3	1.0
27			8.0	0.3		0.3	0.3
28		4.0	12.0	0.3	1.0	0.3	0.3
29		1.0	7.0	2.3			
30	0.8	1.0	5.0	1.0	1.0		0.7
31			5.0	1.0			0.3
32		4.0	3.0	0.7			0.3
33			4.0	1.0		0.3	0.7
34		1.0	4.0	1.7	1.0		0.3
35			3.0	3.3	3.0		1.0
36		3.0	8.0	1.7	5.0		0.3
37		1.0		1.3	1.0		
38			2.0	0.7	1.0		
39		2.0	1.0				
40	1.0	2.0		0.7			
41			1.0	0.7			0.3
42		2.0		0.7			
43	1.0		1.0	0.7			
44		1.0	4.0	0.3			
45	0.8	1.0	2.0	0.7	1.0	0.3	
46			1.0				
47	1.0		1.0				
50		1.0					0.3
51		1.0					0.3
52				0.3			
53		1.0					
54		1.0					
56							0.3
60							
61						0.3	0.3
64		1.0					
69							0.3
75							0.3
82					1.0		
84							0.3
86					1.0		0.3
87				0.3			
91			1.0				
125							0.3
169							0.3
No./Hour	17.1	52.0	179.0	29.7	21.0	25.0	191.0
No. Hours	1.1	1.0	1.0	3.0	1.0	3.0	3.0
No. Specimens	18	52	179	89	21	75	573
No. Samples	2	1	1	3	1	3	3

TABLE 472. ALL SPECIES COMBINED. STATION 2, NIGHT: NUMBER OF SPECIMENS PER HOUR IN DISCRETE-DEPTH SAMPLES. SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED.

SIZE mm	Depth Sampled (m)									
	Surf	12	45	100	150	200	400	600	800	1000
6			0.5							
7			1.5				2.5			
8			4.0				5.4			
9		2.3	6.5		0.7	0.3	1.0		1.3	0.3
10		2.2	7.0	1.0		1.7	0.5	9.0	15.6	0.7
11		0.7	3.5		0.7	0.7	0.3	30.0	8.0	
12		2.1	2.5		0.7	0.3	0.5	14.0	4.0	
13		3.2	3.5				0.5	7.0	4.6	0.7
14		7.0	3.0				2.5	14.0	9.3	1.7
15		10.0	10.5	1.0	1.7	2.0	1.5	28.0	22.6	5.0
16	0.2	17.1	15.0		1.3	3.3	1.0	41.0	35.3	13.0
17	0.2	28.8	16.5		2.0	6.3	1.0	14.0	35.6	18.7
18	0.3	40.7	21.0	1.0	2.3	4.0	1.9	19.0	37.3	22.1
19	0.3	45.0	16.0	2.0	2.0		2.0	37.0	31.3	29.7
20	0.2	38.6	12.5	3.0	0.3	1.3	5.4	89.0	16.6	16.3
21	0.2	20.6	4.5	6.0	1.0	0.7	2.0	96.0	8.0	8.3
22	0.3	19.9	7.0	5.0			1.0	96.0	4.0	3.0
23	0.08	9.5	3.5	7.0	0.3	0.3	0.5	71.0	2.0	2.0
24	0.08	0.7	2.0	3.0	0.3	2.0	1.4	26.0	1.0	0.7
25	0.08	0.7	3.0	4.0			4.4	5.0	0.7	1.3
26			1.5		0.7		1.0	1.0	0.7	
27			1.5			0.3			0.3	0.3
28		0.5	2.0		0.3				0.7	
29		1.2	4.0	1.0	0.7	0.3	0.5			
30	0.2	0.9	1.5	3.0		0.3		1.0		0.7
31	0.2	1.2	1.0	1.0	0.3					
32	0.4	0.7	3.5	4.0	0.7	0.3				
33	0.4	0.5	1.5	3.0	0.3					
34	0.3	1.4	3.0	1.0					0.7	
35	0.4		2.0	3.0			0.5			
36	0.1	1.6	2.5	2.0				1.0		0.3
37	0.4		1.5	1.0						
38	0.3		0.5	1.0						
39	0.4		2.0			0.7				
40	0.3		1.0			0.3	0.5			
41	0.2	1.4	1.5	1.0						
42	0.08		1.0	1.0						
43	0.4		0.5			0.7				
44	0.2	0.7	1.5	1.0			0.5			
45	0.08		0.5							
46	0.3		1.0			0.3			0.7	
47	0.3		2.0			0.3				
48	0.3		1.0			0.3				
49	0.4		0.5			0.3				
50	0.4		1.0							
51	0.6		2.0					1.0		
52	0.3									
53	0.2		1.0						0.3	
54	0.3									
55	0.3		0.5						0.3	
56	0.2	0.5								
57	0.2		0.5							
58	0.2		1.5							
59	0.3		2.0							
60	0.08									
61	0.08		1.0							
62	0.4		0.5							
63	0.08								0.3	
64	0.1		0.5							
65	0.2		0.5		0.3					
67	0.08								0.3	
68			0.5							
69	0.08		1.0						0.3	
70										0.3
71			0.5							
73									0.3	
75	0.08									
77	0.2									
78	0.08									
81			0.5							
82	0.2									
84	0.08					0.3				
87							0.5			
90										0.3
96	0.08									
101										0.3
102			0.5							
104			0.5							
105				0.3						
108										0.3
114	0.08									
119			0.5							
126										0.3
178									0.3	
No./Hour	12.0	259.6	197.0	56.0	17.9	26.7	38.1	600.0	242.5	126.3
No. Hours	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
No. Specimens	140	391	394	56	54	80	78	600	729	379
No. Samples	24	3	1	1	3	3	2	1	3	3

TABLE 473. ALL SPECIES COMBINED. STATION 3, NIGHT: NUMBER OF SPECIMENS PER HOUR IN DISCRETE-DEPTH SAMPLES. SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED.

Size mm	Depth Sampled (m)									
	Surf	50	100	150	200	300	400	500	600	750
7							1.7			
8							1.7			
9					0.5		1.9			0.3
10							0.3			0.7
11					0.5		0.7	3.7	0.7	1.7
12			1.0		0.5	1.3	0.7	20.3	3.0	4.0
13			3.0		0.5	3.3	1.3	21.0	2.7	10.7
14		0.9	2.0		1.0	3.0	2.6	21.3	4.7	10.7
15		1.8			1.5	0.3	3.6	28.7	8.3	9.3
16		0.9	2.0	0.3	2.0	0.3	2.3	33.0	14.7	10.4
17		2.8	3.0		2.5	0.3	1.3	43.3	6.3	14.6
18	0.03	1.8	5.0	1.0	3.5	0.3	2.3	54.7	13.0	3.3
19	0.03	7.4	5.0		2.5	1.3	0.7	52.0	26.0	5.0
20	0.03	4.6			1.5	0.3	1.0	41.3	28.0	3.3
21	0.03	3.7	2.0		3.5	1.0	0.3	13.3	30.3	2.7
22	0.03	4.6	2.0		0.5			4.3	14.0	0.6
23	0.03	0.9	1.0	0.3	0.5	2.3	0.6	0.7	2.0	
24		1.8	1.0			0.7		1.3	0.3	
25	0.2		1.0		1.0	0.3	0.3		0.3	0.6
26	0.07		2.0				0.3	0.3		
27	0.06		1.0	0.3		0.7	0.3	0.7		
28	0.1	1.8	1.0	0.3	0.5	0.7	0.3	0.3	1.3	0.4
29	0.2	0.9	4.0			0.3	0.3	0.3		0.6
30	0.1					0.3				0.3
31	0.03		2.0	0.3	0.5			0.3	0.3	0.3
32	0.03	0.9	2.0	0.7					1.3	0.3
33	0.1		2.0	0.7			0.3			
34	0.1	0.9	1.0	0.7						
35	0.2			1.0						
36	0.10			0.3						
37	0.07	0.9	1.0	0.3				0.3	0.3	
38	0.1			0.3						
39	0.1	0.9	1.0							
40	0.1							0.3		0.3
41	0.2									
42	0.07						0.3			
43	0.07		1.0							
44	0.03									
45				0.3				0.7	0.3	0.6
46	0.03							0.3		
47	0.03	0.9							0.3	
48										
49		0.9								
50										
51										0.3
52										
53	0.04			0.3					0.3	
54						0.7				
55										
56		0.9					0.6			
57						0.3	0.3			
58	0.03	0.9				0.3	0.3			
59		1.8					0.3			
60										
61		0.3			0.5	0.7	0.3			
62			1.0		0.5	0.3				
63										
64										
65										
66										
67				0.3		0.3			0.3	
68						0.3		0.7		
69										
70										
71										
72										
73							0.3			
74										
75										
76								0.3	0.3	
77										
78		0.9								
79			1.0				0.3			
80										
81				0.3						0.4
82										
83				0.3						
84					0.5					0.3
85										
86										
87										
88										
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196										
197										
198										
199										
200										

No./Hour	2.5	45.2	49.0	8.3	24.5	20.0	27.9	343.7	161.0	82.3
No. Hours	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
No. Specimens	76	49	49	25	49	60	85	1031	483	248
No. Samples	58	1	1	3	2	3	3	3	3	3

TABLE 474. ALL SPECIES COMBINED. STATION 5, NIGHT: NUMBER OF SPECIMENS PER HOUR IN DISCRETE-DEPTH SAMPLES. SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED.

Size mm	Depths Sampled (m)								
	Surf	50	80	135	155	250	325	425	510
6								3.0	
7								5.0	1.0
8								3.0	
-									
10			1.0					1.0	
11								1.0	
12			1.0		2.0			1.0	2.0
13			2.0	2.0	3.0	1.0		12.0	11.0
14			1.0	1.0	3.0	2.0		29.0	18.0
15			5.0			2.0		28.0	20.0
16	1.1	1.0	1.0	1.0	1.0			26.0	13.0
17	9.0				1.0			9.0	15.0
18	7.1	1.0	3.0		1.0		1.0	3.0	7.0
19	6.4	1.0	7.0	2.0	1.0			4.0	7.0
20	8.1	1.0	10.0					1.0	2.0
21	6.5	3.0	9.0	1.0					2.0
22	4.0	3.0	8.0	2.0		1.0			1.0
23	1.6	1.0	3.0	3.0				1.0	
24	1.2		5.0		1.0			1.0	
25	0.5		2.0				1.0		
26	0.8		3.0						1.0
27	0.1		2.0				1.0		
28	0.5		2.0						
29	0.4		1.0						
30	0.3								2.0
31	0.3		1.0						
32	0.1		2.0	1.0					
33	0.1		2.0		1.0				
34	0.09		1.0					1.0	
35	0.1			1.0					
36	0.3			1.0					
37	0.3			1.0					
-									
39	0.1		1.0						
40				1.0					
-									
42			1.0						
-									
45		1.0	1.0	1.0					
46			1.0						
-									
50			1.0						
51			1.0						
56			1.0		1.0				
-									
58								1.0	
-									
60									1.0
-									
74									1.0
-									
89		1.0							
90		1.0							
-									
153							1.0		

285

No./Hours	49.0	14.0	79.0	18.0	15.0	6.0	4.0	130.0	103.0
No. Hours	7.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
No. Specimens	393	14	79	18	15	6	4	130	103
No. Samples	15	1	1	1	1	1	1	1	1

APPENDIX 4

Tables 475 - 613

Swimbladder Data
for Individual Species

Contents of Appendix 4

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The tables in this appendix are supplemental to the data analyzed in Part 4 of the Text. Each table presents catch rate as a function of depth of capture and volume of swimbladder. For each species with sufficient data, tabulations for day captures are followed by those for night; within each diel period, the tables are arranged numerically by station. Methods for calculating swimbladder volume are described in the Materials and Methods section of Part 4 of the Text, and for calculating catch rate in the Materials and Methods section of Part 3 of the Text.

TABLE 475

CYCLOPHONE BRAUER1
DAYNUMBER OF SNIPELACERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)					
	150	235	375	500	725	940
1			181.7	484.5	56.2	
NO./HOUR	0.0	0.0	181.7	484.5	56.2	0.0
NO. HOURS	2.0	2.0	2.0	2.0	3.0	3.0
NO. SPEC.	0	0	545	969	289	0
NO. SAMPLES	3	2	3	2	3	3

TABLE 476

CYCLOPHONE BRAUER1
DAYNUMBER OF SNIPELACERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)							
	SURF	100	150	200	300	400	600	1000
1					0.0	11.2	9.05	5.0
NO./HOUR	0.0	0.0	0.0	0.0	0.0	11.2	9.05	5.0
NO. HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
NO. SPEC.	0	0	0	0	12	219	191	5
NO. SAMPLES	2	2	1	2	2	3	1	1

TABLE 477

CYCLOPHONE BRAUER1
DAYNUMBER OF SNIPELACERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)									
	50	100	150	200	300	400	500	600	750	1000
1					61.2	20.0	419.5	145.2	11.0	0.5
NO./HOUR	0.0	0.0	0.0	0.0	61.2	20.0	419.5	145.2	11.0	0.5
NO. HOURS	2.0	2.0	2.0	2.0	2.0	3.0	3.0	3.0	2.0	2.0
NO. SPEC.	0	0	0	0	122	60	1457	452	22	1
NO. SAMPLES	2	2	2	2	2	3	3	3	2	2


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TABLE 478

CYCLOPHONE BRAUER I
DAYNUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)	
	500	700
1	367.0	16.0
NO./HOUR	367.0	16.0
NO. HOURS	1.5	1.0
NO. SPEC.	367	16
NO. SAMPLES	1	1


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TABLE 479

CYCLOPHONE BRAUER I
DAYNUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)					
	100	250	340	430	490	670
1					7.0	22.0
NO./HOUR	0.0	0.0	0.0	0.0	1.0	26.0
NO. HOURS	1.0	1.0	1.0	1.0	1.0	2.0
NO. SPEC.	0	0	0	0	7	40
NO. SAMPLES	1	1	1	1	1	2

TABLE 480

CYCLOPHONE BRAUER I
NIGHTNUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED-1
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)							
	25	40	70	130	190	235	400	700
1						1.0	178.7	34.4
NO./HOUR	0.0	0.0	0.0	0.0	0.0	1.0	178.7	34.4
NO. HOURS	1.1	1.0	1.0	3.0	1.0	3.0	3.0	3.0
NO. SPEC.	0	0	0	0	0	3	936	104
NO. SAMPLES	2	1	1	3	1	3	3	3

TABLE 481

CYCLOPHONE BRAUER1
NIGHTNUMBER OF SHIPBLACCKERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	SURF	DEPTHS SAMPLED (P)								
		12	45	100	150	200	400	600	800	1000
1							11.2	564.0	11.7	4.7
NC./HOUR	0.0	0.0	0.0	0.0	0.0	0.0	11.2	564.0	11.7	4.7
NC. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
NC. SPEC.	0	0	0	0	0	0	23	564	35	14
NC. SAMPLES	24	3	1	1	3	3	2	1	3	7

TABLE 482

CYCLOPHONE BRAUER1
NIGHTNUMBER OF SHIPBLACCKERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	SURF	DEPTHS SAMPLED (P)								
		50	100	150	200	300	400	500	600	750
1						0.3	12.8	332.7	145.0	12.6
NC./HOUR	0.0	0.0	0.0	0.0	0.0	0.3	12.8	332.7	145.0	12.6
NC. HOURS	25.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
NC. SPEC.	0	0	0	0	0	1	39	998	435	36
NC. SAMPLES	58	1	1	3	2	3	3	3	3	3

TABLE 483

CYCLOPHONE BRAUER1
NIGHTNUMBER OF SHIPBLACCKERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	SURF	DEPTHS SAMPLED (P)							
		50	80	135	155	250	325	425	510
1								107.0	93.0
NC./HOUR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	107.0	93.0
NC. HOURS	7.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
NC. SPEC.	0	0	0	0	0	0	0	107	93
NC. SAMPLES	15	1	1	1	1	1	1	1	1

TABLE 484

CYCLOTHONE PYGMAEA
DAYNUMBER OF SHIMBLACERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (P)					
	150	235	375	500	700	940
1					228.1	55.3
NO./HOUR	0.0	0.0	0.0	0.0	228.1	55.3
NO. HOURS	3.0	2.0	3.0	2.0	3.0	3.0
NO. SPEC.	0	0	0	0	688	166
NO. SAMPLES	3	2	3	2	3	3

TABLE 485

CYCLOTHONE PYGMAEA
DAYNUMBER OF SHIMBLACERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (P)							
	SURF	100	150	200	300	400	800	1000
1							500.0	163.0
NO./HOUR	0.0	0.0	0.0	0.0	0.0	0.0	500.0	163.0
NO. HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
NO. SPEC.	0	0	0	0	0	0	1000	163
NO. SAMPLES	2	2	1	2	2	3	1	1

TABLE 486

CYCLOTHONE PYGMAEA
DAYNUMBER OF SHIMBLACERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (P)									
	50	100	150	200	300	400	500	600	750	1000
1								10.3	39.6	43.4
NO./HOUR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.2	39.0	43.4
NO. HOURS	2.0	6.0	2.0	6.0	2.0	3.0	3.0	3.0	2.0	3.0
NO. SPEC.	0	0	0	0	0	0	0	31	70	139
NO. SAMPLES	2	6	2	6	2	3	3	3	2	3

TABLE 487

CYCLOTHONE PYGMAEA
DAYNUMBER OF SHIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (F)	
	500	700
1	42.0	22.0
NO./HOUR	42.0	22.0
NO. HOURS	1.0	1.0
NO. SPEC.	42	22
NO. SAMPLES	1	1

TABLE 488

CYCLOTHONE PYGMAEA
DAYNUMBER OF SHIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (F)					
	160	250	340	410	495	675
1						18.0
NO./HOUR	0.0	0.0	0.0	0.0	0.0	18.0
NO. HOURS	1.0	1.0	1.0	1.0	1.0	2.0
NO. SPEC.	0	0	0	0	0	36
NO. SAMPLES	1	1	1	1	1	2

TABLE 489

CYCLOTHONE PYGMAEA
NIGHTNUMBER OF SHIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (F)							
	25	40	70	150	190	235	400	700
1								81.0
NO./HOUR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	81.0
NO. HOURS	1.1	1.0	1.0	3.0	1.0	3.0	3.0	3.0
NO. SPEC.	0	0	0	0	0	0	0	245
NO. SAMPLES	2	1	1	3	1	3	3	3

TABLE 490

CYCLOTHONE PYGMAEA
NIGHTNUMBER OF SHIPBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MP	DEPTHS SAMPLED (P)									
	SURF	12	45	100	150	200	400	600	800	1000
1								23.0	180.7	115.7
AC./HOUR	C.C	C.C	0.0	C.C	0.0	0.0	0.0	23.0	180.7	115.7
AC. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
AC. SPEC.	0	0	0	0	0	0	0	22	543	347
AC. SAMPLES	24	3	1	1	3	3	2	1	3	3

TABLE 491

CYCLOTHONE PYGMAEA
NIGHTNUMBER OF SHIPBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MP	DEPTHS SAMPLED (P)									
	SURF	50	100	150	200	300	400	500	600	750
1									3.0	47.0
AC./HOUR	C.C	C.C	0.0	C.C	0.0	0.0	0.0	0.0	3.0	47.0
AC. HOURS	25.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
AC. SPEC.	0	0	0	0	0	0	0	0	9	141
AC. SAMPLES	58	1	1	3	2	3	3	3	3	3

TABLE 492

GONOSTOMA
DAY

ZENODATUM

NUMBER OF SHIPWRECKS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDEDVOLUME
CUBIC
FT

DEPTHS SAMPLED (F)

50

100

150

200

300

400

500

600

750

1000

1

2

3

4

5

6

7

8

9

10

11

12

13

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TABLE 493

GONOSTOMA
NIGHT DENUDATUMNUMBER OF SHIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES, WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)									
	SURF	50	100	150	200	300	400	500	600	750
1				0.3						
NO./HOUR	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0
NO. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
NO. SPEC.	0	0	0	1	0	0	0	0	0	0
NO. SAMPLES	98	1	1	3	2	3	3	3	3	3

TABLE 494

ICHTHYOCOCCUS
DAY OVATUSNUMBER OF SHIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)							
	SURF	100	150	200	300	400	800	1000
12						0.3		
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24						0.3		
NO./HOUR	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0
NO. HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
NO. SPEC.	0	0	0	0	0	2	0	0
NO. SAMPLES	2	2	1	2	2	3	1	1

TABLE 495

ICHTHYOCOCCUS OVATUS
DAYNUMBER OF SNIPPLACERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM 0000
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC M	DEPTH SAMPLED (F)									
	50	100	150	200	300	400	500	600	750	1000
1							0.2		0.5	
2										
3										
4										
5										
6										
7										
8										
9										
10										
11						0.3				
12										
13										
14										
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20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31						0.3				
32										
NC. HOUR	0.0	0.0	0.0	0.0	0.0	1.7	0.3	0.0	0.5	0.0
NC. HOURS	2.0	6.0	2.0	6.0	2.0	3.0	3.0	3.0	2.0	3.0
NC. SPEC.	0	0	0	0	0	2	1	0	1	0
NC. SAMPLES	2	6	2	6	2	3	3	3	2	3

TABLE 496

ICHTHYOCOCCUS OVATUS
NIGHTNUMBER OF SHIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)									
	SURF	50	100	150	200	300	400	500	600	750
1								1.0		
2										
3										
4										
5										
6										
7										
8				0.3						
NO./HOUR	0.0	0.0	0.0	0.3	0.0	0.0	0.0	1.0	0.0	0.0
NO. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
NO. SPEC.	0	0	0	1	0	0	0	3	0	0
NO. SAMPLES	50	1	1	3	2	3	3	3	3	3

TABLE 497

VINCIGUERRIA ATTENUATA
DAYNUMBER OF SHIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)					
	150	235	375	500	700	940
1		0.5	0.7	5.0		
NO./HOUR	0.0	0.5	0.7	5.0	0.0	0.0
NO. HOURS	3.0	2.0	3.0	2.0	3.0	3.0
NO. SPEC.	0	1	2	10	0	0
NO. SAMPLES	3	2	3	2	3	3

TABLE 498

VINCIGUERRIA ATTENUATA
DAYNUMBER OF SHIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)							
	SURF	100	150	200	300	400	800	1000
1		0.5			44.0	3.7	2.0	
2						0.3		
3		0.5				0.3		
4						0.3		
NO./HOUR	0.0	1.0	0.0	0.0	44.0	4.7	2.0	0.0
NO. HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
NO. SPEC.	0	2	0	0	88	14	4	0
NO. SAMPLES	2	2	1	2	2	3	1	1

TABLE 499

VINCIGUERRIA ATTENUATA
DAYNUMBER OF SWIMLADDERS PER FLUP IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC PM	DEPTHS SAMPLED (M)									
	50	100	150	200	300	400	500	600	750	1000
1		2.6			4.5	5.7	5.0	4.2		
2						9.3	9.2			
AC./FLUP	0.0	2.6	0.0	0.0	4.5	6.0	5.2	4.2	7.0	0.0
AC. FCURS	2.0	6.0	0.0	0.0	2.0	3.0	3.0	3.0	2.0	3.0
AC. SPEC.	0	17	0	0	1	14	16	12	0	0
AC. SAMPLES	2	6	2	6	2	2	2	2	2	2

TABLE 500

VINCIGUERRIA ATTENUATA
DAYNUMBER OF SWIMLADDERS PER FLUP IN DISCRETE DEPTH SAMPLES FROM MED 4
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC PM	DEPTHS SAMPLED (M)	
	500	700
1	7.0	
AC./FLUP	7.0	0.0
AC. FCURS	1.0	1.0
AC. SPEC.	7	0
AC. SAMPLES	1	1

TABLE 501

VINCIGUERRIA ATTENUATA
DAYNUMBER OF SWIMLADDERS PER FLUP IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC PM	DEPTHS SAMPLED (M)					
	100	250	340	410	495	675
1	1.0				1.0	
AC./FLUP	1.0	0.0	0.0	0.0	1.0	0.0
AC. FCURS	1.0	1.0	1.0	1.0	1.0	2.0
AC. SPEC.	1	0	0	0	1	1
AC. SAMPLES	1	1	1	1	1	2

TABLE 502

VINCIGUERRIA ATTENUATA
NIGHTNUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (P)							
	25	40	70	150	190	235	400	700
1			1.0	0.3		1.0	2.7	
2								
3								
4						0.3		
NC./HOUR	0.0	0.0	1.0	0.3	0.0	1.3	2.7	0.0
NC. HOURS	1.1	1.0	1.0	3.0	1.0	3.0	3.0	3.0
NO. SPEC.	0	0	1	1	0	4	8	0
NO. SAMPLES	2	1	1	3	1	3	3	3

TABLE 503

VINCIGUERRIA ATTENUATA
NIGHTNUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (P)									
	SURF	12	45	100	150	200	400	600	800	1000
1			15.0	1.0	5.0	17.0	7.4	5.0	0.3	
2				1.0	0.3					
3			0.5	1.0	0.7	0.7				
4				2.0	0.7	0.3				
5										
6				1.0						
NC./HOUR	0.0	0.0	15.5	6.0	6.6	18.0	7.4	5.0	0.3	0.0
NC. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
NO. SPEC.	0	0	31	6	20	54	15	5	1	0
NO. SAMPLES	24	3	1	1	3	3	2	1	3	3

TABLE 504

VINCIGUERRIA ATTENUATA
NIGHTNUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)									
	SURF	50	100	150	200	300	400	500	600	750
1		5.5	2.0	1.3	2.0	8.7	2.0	3.0	3.0	
2				0.3		0.3				
3										
4				0.7						
NC./HOUR	0.0	5.5	2.0	2.3	2.0	9.0	2.0	3.0	3.0	0.0
NC. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
NO. SPEC.	0	6	2	7	4	27	6	5	9	0
NO. SAMPLES	58	1	1	3	2	3	3	3	3	3

TABLE 505

VINCIGUERRIA ATTENUATA
NIGHTNUMBER OF SHIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)								
	SURF	50	80	135	195	250	325	425	510
1			3.0		2.0	6.0		4.0	3.0
NO./HOUR	0.0	0.0	3.0	0.0	2.0	6.0	0.0	4.0	3.0
NO. HOURS	7.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
NO. SPEC.	10	0	3	0	2	6	0	4	3
NO. SAMPLES	15	1	1	1	1	1	1	1	1

TABLE 506

VINCIGUERRIA PONERIAE
DAYNUMBER OF SHIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)									
	50	100	150	200	3	4		60	75	100
1		0.7						4.7		
2				0.2						
3										
NO./HOUR	0.0	0.7	1.0	0.2	0	0	4.7	0	0	1.0
NO. HOURS	2.0	6.0	2.0	6.0	2.0	2.0	16.0	3.0	2.0	3.0
NO. SPEC.	0	4	0	1			14	0		0
NO. SAMPLES	2	0	0	6	2	2	0	2	2	2

TABLE 507

VINCIGUERRIA PONERIAE
DAYNUMBER OF SHIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)	
	500	700
1	6.0	
NO./HOUR	6.0	0.0
NO. HOURS	1.0	1.0
NO. SPEC.	6	0
NO. SAMPLES	1	1

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TABLE 508

VINCIGUERRIA POWERRIAE
DAYNUMBER OF SHIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (F)					
	10	25	34	41	55	67
1		1.0				
NO./HOUR	0.0	1.0	1.0	0.0	0.0	0.0
NO. HOURS	1.0	1.0	1.0	1.0	1.0	2.0
NO. SPEC.	0	1	0			
NO. SAMPLES	1	1	1	1	1	2

TABLE 509

VINCIGUERRIA POWERRIAE
NIGHTNUMBER OF SHIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (F)									
	SURF	50	100	150	200	300	400	500	600	750
1		1.0				0.7			2.0	
2		2.0								
3		4.0								
4		0.9								
5		0.9								
6										
7			1.0							
8										
9										
10										
11										
12										
13		0.9								
NO./HOUR	0.0	12.0	1.0	0.0	0.0	0.7	0.0	0.0	2.0	0.0
NO. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
NO. SPEC.	0	13	1	0	0	2	0	0	6	0
NO. SAMPLES	50	1	1	3	2	3	3	3	3	3

TABLE 510

VINCIGUERRIA POWERRIAE
NIGHTNUMBER OF SHIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (F)								
	SURF	50	60	125	155	250	325	425	510
1			7.0		2.0			1.0	
NO./HOUR	0.0	0.0	7.0	0.0	2.0	0.0	0.0	1.0	0.0
NO. HOURS	7.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
NO. SPEC.	0	0	7	0	2	0	0	1	0
NO. SAMPLES	15	1	1	1	1	1	1	1	1

TABLE 511

ARGYROPELECUS FEMIGYMNUS
DAYNUMBER OF SHIPBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)					
	150	235	375	500	700	940
7			4.0	1.0		
8			0.3			
9						
10			0.7			
11			1.0	0.5		
12	0.3		3.0	0.5	0.7	
13			1.7			
14			1.0	1.0		
15			0.7			
NC./HOUR	0.3	0.0	12.3	3.0	0.7	0.0
NC. HOURS	3.0	2.0	3.0	2.0	3.0	3.0
NC. SPEC.	1	0	37	6	2	0
NC. SAMPLES	3	2	3	2	3	3

TABLE 512

ARGYROPELECUS FEMIGYMNUS
DAYNUMBER OF SHIPBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)							
	SURF	100	150	200	300	400	800	1000
7					1.0	2.0		
8					3.0	1.0	0.5	
9						3.0		
10			1.0					
11						0.3		
12						0.7		
13						2.3		
14						2.0		
15						0.3		
16						0.3		
NC./HOUR	0.0	0.0	1.0	0.0	4.0	4.3	0.5	0.0
NC. HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
NC. SPEC.	0	0	1	0	3	25	1	0
NC. SAMPLES	2	2	1	2	2	3	1	1

TABLE 513

ARGYROPELECUS FEMIGYMNUS
DAYNUMBER OF SHIPBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)									
	50	100	150	200	300	400	500	600	750	1000
7						0.7	0.3			
8					0.5		0.7			
9							1.7			
10						1.0				
11										
12					0.5		0.7			
13						0.7	0.7			
14						1.3	1.0			
15							0.3	0.2		
NC./HOUR	0.0	0.0	0.0	0.0	1.0	3.7	3.7	0.2	0.0	0.0
NC. HOURS	2.0	6.0	2.0	6.0	2.0	3.0	3.0	2.0	2.0	3.0
NC. SPEC.	0	0	0	0	2	11	11	1	0	0
NC. SAMPLES	2	6	2	6	2	3	2	2	2	2

TABLE 514

ARGYROPELECUS FEMIGYMNUS
DAYNUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)	
	500	700
7		1.0
8		
9		1.0
NC./HOUR	0.0	2.0
NC. HOURS	1.0	1.0
NC. SPEC.	0	2
NC. SAMPLES	1	1

TABLE 515

ARGYROPELECUS FEMIGYMNUS
DAYNUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)					
	160	250	340	410	495	675
7					1.0	
NC./HOUR	0.0	0.0	0.0	0.0	1.0	0.0
NC. HOURS	1.0	1.0	1.0	1.0	1.0	2.0
NC. SPEC.	0	0	0	0	1	0
NC. SAMPLES	1	1	1	1	1	2

TABLE 516

ARGYROPELECUS FEMIGYMNUS
NIGHTNUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)							
	25	40	70	150	190	235	400	700
6							0.3	
7							3.0	
8						0.3		
9							0.3	
10						1.0	0.3	
11						1.7		
12						3.0		
13			1.0			2.0	1.0	0.3
14				0.3	2.0	1.0	1.7	
15							0.3	
NC./HOUR	0.0	0.0	1.0	0.3	2.0	9.0	7.0	0.3
NC. HOURS	1.1	1.0	1.0	3.0	1.0	3.0	3.0	3.0
NC. SPEC.	0	0	1	1	2	27	21	1
NC. SAMPLES	2	1	1	3	1	3	3	3

TABLE 517

ARGYROPELECUS HENIGMUS
NIGHTNUMBER OF SHIPBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (P)									
	SURF	12	45	100	150	200	400	600	800	1000
7										
8							7.8			
9							1.5			
10							0.5			
11										
12						0.3	0.5			0.3
13						1.0	1.4			
14							5.4			4.3
15							0.5			
16										
17										
18										
19										
20										
21	C.CB									
NO./HOUR	0.1	0.0	0.0	0.0	0.0	1.3	17.5	0.0	0.0	0.7
NO. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
NO. SPEC.	1	0	0	0	0	4	36	0	0	2
NO. SAMPLES	24	3	1	1	3	3	2	1	3	3

TABLE 518

ARGYROPELECUS HENIGMUS
NIGHTNUMBER OF SHIPBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (P)									
	SURF	50	100	150	200	300	400	500	600	750
7							3.3			
8							2.9	0.7	0.3	
9						0.3	1.0			
10						0.3				
11						0.7	0.6	0.3		
12						0.3				
13						1.7	0.3	1.0		
14					0.5	0.7	0.7	0.7		
15							0.7		1.0	
16									0.3	
17									1.3	
NO./HOUR	0.0	0.0	0.0	0.0	0.5	4.0	9.5	3.3	3.0	0.0
NO. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
NO. SPEC.	0	0	0	0	1	12	29	10	9	0
NO. SAMPLES	98	1	1	3	2	3	3	3	3	3

TABLE 519

ARGYROPELECUS HENIGMUS
NIGHTNUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 9
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)								
	SURF	50	80	135	155	250	325	425	510
7									
8								11.0	1.0
9								1.0	
10								1.0	1.0
11								1.0	1.0
12									
13									
14								1.0	
15							2.0		1.0
16									
17					1.0				
18								1.0	
19				1.0					
NO./HOUR	0.0	0.0	0.0	1.0	1.0	0.0	2.0	15.0	4.0
NO. HOURS	7.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
NO. SPEC.	0	0	0	1	1	0	2	15	4
NO. SAMPLES	15	1	1	1	1	1	1	1	1

TABLE 520

ELECTRONA RISSOI
DAYNUMBER OF SHIPBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (F)					
	150	235	375	500	700	940
1	0.3				2.3	
NO./HOUR	0.3	0.0	0.0	0.0	2.3	0.0
NO. HOURS	3.0	2.0	3.0	2.0	3.0	3.0
NO. SPEC.	1	0	0	0	7	0
NO. SAMPLES	3	2	3	2	3	3

TABLE 521

ELECTRONA RISSOI
DAYNUMBER OF SHIPBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (F)									
	50	100	150	200	300	400	500	600	750	1000
1				0.2					1.0	
NO./HOUR	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	1.0	0.0
NO. HOURS	2.0	6.0	2.0	6.0	2.0	3.0	3.0	3.0	2.0	3.0
NO. SPEC.	0	0	0	1	0	0	0	0	2	0
NO. SAMPLES	2	6	2	6	2	3	3	3	2	2

TABLE 522

ELECTRONA RISSOI
NIGHTNUMBER OF SHIPBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)							
	25	40	70	150	190	235	400	700
1								1.0
NO./HOUR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
NO. HOURS	1.1	1.0	1.0	3.0	1.0	3.0	3.0	3.0
NO. SPEC.	0	0	0	0	0	0	0	3
NO. SAMPLES	2	1	1	3	1	3	3	3

TABLE 523

ELECTRONA RISSOI
NIGHTNUMBER OF SHIPBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (F)									
	SURF	12	45	100	150	200	400	600	800	1000
1					0.3	3.0				
2						1.0				
3										
4										
5										
6										
7										
8										
9										
10										
94							0.5			
NO./HOUR	C.C	C.C	C.C	0.0	0.3	4.0	0.5	0.0	C.C	0.0
NO. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
NO. SPEC.	0	0	0	0	1	12	1	0	0	0
NO. SAMPLES	24	3	1	1	3	3	2	1	3	3

TABLE 524

ELECTRONA RISSOI
NIGHTNUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (F)									
	SURF	50	100	150	200	300	400	500	600	750
1										0.3
2										
3					0.5					
4					0.5					
5					0.5					
6										
7										
8					0.5					
9										
10					0.5					
11										
12										
13										
14										
15										
16					0.5					
17										
18										
19										
20										
21										
22					0.5					
23										
63							0.3			
64										
65										
66										
67										
68										
69										
70										
71										
72										
73										
74										
75										
76										
77										
78										
79										
80								0.3		
NO./HOUR	0.0	0.0	0.0	0.0	3.5	0.0	0.3	0.3	0.0	0.3
NO. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
NO. SPEC.	0	0	0	0	7	0	1	1	0	1
NO. SAMPLES	58	1	1	3	2	3	3	3	3	3

TABLE 525

HYGOPHUM HYGOMI
DAYNUMBER OF SHIPBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)					
	150	235	375	500	700	940
14					0.3	
NC./HOUR	C.C	0.0	C.C	C.C	0.3	0.0
NC. HOURS	3.0	2.0	3.0	2.0	3.0	3.0
NC. SPEC.	0	0	0	0	1	0
NC. SAMPLES	3	2	3	2	3	3

TABLE 526

HYGOPHUM HYGOMI
DAYNUMBER OF SHIPBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)									
	50	100	150	200	300	400	500	600	750	1000
8								0.3		
9									0.5	
10										
11								0.3		
12										
13										
14										
15										
16										
17										
18								0.3		
19										
20										
21										
22										
23										
24								0.3		
NC./HOUR	C.C	C.C	0.0	0.0	0.0	0.0	0.0	1.2	0.5	0.0
NC. HOURS	2.0	6.0	2.0	6.0	2.0	3.0	3.0	3.0	2.0	3.0
NC. SPEC.	0	0	0	0	0	0	0	4	1	0
NC. SAMPLES	2	6	2	6	2	3	3	3	2	2

TABLE 527

HYGOPHUM HYGOMI
DAYNUMBER OF SHIPBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)	
	500	700
9		1.0
NC./HOUR	C.C	1.0
NC. HOURS	1.0	1.0
NC. SPEC.	0	1
NC. SAMPLES	1	1

TABLE 528

HYGOMUM HYGOMI
DAYNUMBER OF SHIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)					
	160	250	340	410	495	675
1						0.5
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						0.5
12						0.5
NO./HOUR	0.0	0.0	0.0	0.0	0.0	1.5
NO. HOURS	1.0	1.0	1.0	1.0	1.0	2.0
NO. SPEC.	0	0	0	0	0	2
NO. SAMPLES	1	1	1	1	1	2

TABLE 529

HYGOMUM HYGOMI
NIGHTNUMBER OF SHIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)							
	25	40	70	150	190	235	400	700
1			1.0			0.7		
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14		1.0						
15								
16			1.0					
NO./HOUR	0.0	1.0	2.0	0.0	0.0	0.7	0.0	0.0
NO. HOURS	1.1	1.0	1.0	3.0	1.0	3.0	3.0	3.0
NO. SPEC.	0	1	2	0	0	2	0	0
NO. SAMPLES	2	1	1	3	1	3	3	3

TABLE 530

HYGOPHUM HYGOMI
NIGHTNUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (F)									
	SURF	50	100	150	200	300	400	500	600	750
15	0.03									
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										
32										
33										
34										
35										
36										
37										
38										
39										
40										
41										
42	0.03									
43										
NO./HOUR	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NO. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
NO. SPEC.	2	0	0	0	0	0	0	0	0	0
NO. SAMPLES	58	1	1	3	2	3	3	3	3	3

TABLE 531

MYGOPHUM MYBONI
NIGHTNUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	SURF	DEPTHS SAMPLED (M)							
		90	80	135	155	250	325	425	510
1	0.1								
2									
3									
4									
5									
6									
7									
8	0.1								
9									
10									
11									
12									
13									
14									
15									
16									
17		1.0							
18			1.0						
19									
NO./HOUR	0.3	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
NO. HOURS	7.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
NO. SPEC.	2	1	1	0	0	0	0	0	0
NO. SAMPLES	15	1	1	1	1	1	1	1	1

TABLE 532

MYGOPHUM EENDIJE
DAYNUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	SURF	DEPTHS SAMPLED (M)				
		150	225	375	500	750
1						
2			0.5		0.5	13.5
3						2.0
4						1.0
5						2.0
6					0.5	
NO./HOUR	0.0	0.0	0.0	1.0	15.0	12.0
NO. HOURS	3.0	2.0	2.0	2.0	3.0	3.0
NO. SPEC.	0	1	0	2	5	6
NO. SAMPLES	3	2	2	2	3	3

TABLE 533

MYCOPHUM DEWLITE
DAYNUMBER OF SNIPELADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.5 HOURS OF SUNSET OR SUNSET EXCLUDED

VOLUME CUBIC METER	DEPTH SAMPLED (M)							
	SURF	100	150	200	300	400	500	1000
1		1.5			2.5		42.5	50.0
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23							1.5	
NC. PCUN	0.0	1.5	0.0	0.0	2.5	0.0	42.5	50.0
NC. PCURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
NC. SPEC.	0	2	0	0	5		55	50
NC. SAMPLES	2	2	1	2	2	3	1	1

TABLE 534

HYGGEFUND BENICITI
DAYNUMBER OF SWIMLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDEDVOLUME
CUBIC
MM

DEPTHS SAMPLED (F)

	50	100	150	200	300	400	500	600	750	1000
1										0.5
2										
3										
4										
5										
6										
7										
8										
9									0.5	
10										0.4
NO./HOUR	0.0	0.0	0.0	0.0	1.0	1.0	1.0	1.0	0.5	0.7
NO. HOURS	2.0	0.0	2.0	0.0	2.0	3.0	3.0	3.0	2.0	3.0
NO. SPEC.	0	0	0	0	0	0	0	0	1	2
NO. SAMPLES	2	0	2	0	2	3	3	3	1	2

TABLE 535

HYGGEFUND BENICITI
DAYNUMBER OF SWIMLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDEDVOLUME
CUBIC
MM

DEPTHS SAMPLED (F)

	500	700
1		12.0
2		3.0
3		3.0
4		1.0
5		
6		
7		
8	1.0	1.0
9		
10		1.0
NO./HOUR	1.0	21.0
NO. HOURS	1.0	1.0
NO. SPEC.	1	21
NO. SAMPLES	1	1

TABLE 536

MYGOPHUM BENOITI
NIGHTNUMBER OF SHIPBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (F)							
	25	40	70	150	190	235	400	700
1			1.0	3.7		0.7	0.3	5.6
2				0.3				0.3
3		1.0						
4								
5		1.0						
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29		1.0						
30								
31								
32								
33								
34								
35								
36								
37		1.0						
NO./HOUR	0.0	4.0	1.0	4.0	0.0	0.7	0.3	6.0
NO. HOURS	1.1	1.0	1.0	3.0	1.0	3.0	3.0	3.0
NO. SPEC.	0	4	1	12	0	26	1	18
NO. SAMPLES	2	1	1	3	1	3	3	3

TABLE 537

MYGOPHUM BEHOITI
NIGHTNUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)									
	SURF	12	45	100	150	200	400	600	800	1000
1		5.3	6.5	1.0					36.9	1.0
2										
3										
4										
5										
6										
7										0.3
40										
41										
42										
43			0.5							
NO./HOUR	0.0	5.3	7.0	1.0	0.0	0.0	0.0	0.0	36.9	1.3
NO. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
NT. SPEC.	0	8	14	1	0	0	0	0	111	4
NO. SAMPLES	24	3	1	1	3	3	2	1	3	3

TABLE - 538

MYGONUM BENOITI
NIGHTNUMBER OF SHIPBLADDER PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (F)									
	SURF	50	100	150	200	300	400	500	600	750
1						0.3				1.3
2										0.4
3										0.7
4						0.3				
5		0.9				0.3				
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21				0.3						
NC./HOUR	0.0	0.9	0.0	0.3	0.0	1.0	0.0	0.0	0.0	2.3
NC. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
NC. SPEC.	0	1	0	1	0	3	0	0	0	7
NC. SAMPLES	50	1	1	3	2	3	3	3	3	3

TABLE 539

BENTHOSEMA GLACIALE
DAYNUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)					
	150	225	375	500	700	940
1			0.7	131.0	8.9	
2				37.0	9.5	
3					5.3	
4					0.3	
NO./HOUR	0.0	0.0	0.7	168.0	24.0	0.2
NO. HOURS	2.0	2.0	3.0	2.0	3.0	3.0
NO. SPEC.	0	0	2	336	73	0
NO. SAMPLES	3	2	3	2	3	3

TABLE 540

BENTHOSEMA GLACIALE
DAYNUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)							
	SURF	100	150	200	300	400	600	1000
1							1.0	
2		0.5					3.5	
3		0.5					3.0	
4							1.0	
NO./HOUR	0.0	1.0	0.0	0.0	0.0	0.0	8.5	0.0
NO. HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
NO. SPEC.	0	2	0	0	0	0	17	0
NO. SAMPLES	2	2	1	2	2	3	1	1

TABLE 541

BENTHOSEMA GLACIALE
DAYNUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)									
	50	100	150	200	300	400	500	600	750	1000
1								1.0		
2								1.3		
NO./HOUR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0
NO. HOURS	2.0	6.0	2.0	0.0	2.0	3.0	3.0	3.0	2.0	3.0
NO. SPEC.	0	0	0	0	0	0	0	7	0	0
NO. SAMPLES	2	6	2	0	2	3	3	3	2	2

TABLE 542

BENTHOSENA GLACIAL
DAYNUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4
SAMPLES WITHIN 1.5 HOURS OF SUN RISE (IF SUNSET EXCLUDED)

VOLUME CUBIC MM	DEPTHS SAMPLED (M)	
	500	700
		200
NO./HOUR	2.0	2.0
NO. HOURS	1.0	1.0
NO. SPEC.	0	2
NO. SAMPLES	1	1

TABLE 543

BENTHOSENA GLACIAL
NIGHTNUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)							
	25	40	70	150	190	235	400	700
1	2.0	1.0	44.0	1.0		1.0		2.6
2			3.0		1.0			2.0
3			3.0	0.7				2.0
4								1.3
NO./HOUR	2.0	1.0	50.0	1.7	1.0	1.0	0.0	8.0
NO. HOURS	1.1	1.0	1.0	3.0	1.0	3.0	3.0	3.0
NO. SPEC.	2	1	50	5	1	3	0	24
NO. SAMPLES	2	1	1	3	1	3	3	3

TABLE 544

BENTHOSENA GLACIAL
NIGHTNUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)									
	SURF	12	45	100	150	200	400	600	800	1000
1		1.1	54.0	2.0	2.3	0.3		2.0		
2			17.5	3.0				1.0	0.7	
3			10.0	3.0						
4			3.0							
5				1.0						
NO./HOUR	0.0	1.1	84.5	9.0	2.3	0.3	0.0	3.0	0.7	0.0
NO. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
NO. SPEC.	0	2	165	9	7	1	0	3	2	0
NO. SAMPLES	24	3	1	1	3	3	2	1	3	3

TABLE 545

BENTHOSEMA GLACIALE
NIGHTNUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)									
	SURF	50	100	150	200	300	400	500	600	750
1		6.5								
2		4.6							0.3	
3										0.4
NO./HOUR	0.0	11.1	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.4
NO. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
NO. SPEC.	0	12	0	0	0	0	0	0	1	1
NO. SAMPLES	58	1	1	3	2	3	3	3	3	3

TABLE 546

MYCTOPHUM PUNCTATUM
DAYNUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)					
	150	225	375	500	700	900
2					5.3	0.3
4	0.3				1.0	
NO./HOUR	0.2	0.0	0.0	0.0	7.3	0.3
NO. HOURS	2.0	2.0	2.0	2.0	3.0	3.0
NO. SPEC.	1	0	0	0	21	1
NO. SAMPLES	3	2	3	2	3	2

TABLE 547

MYCTOPHUM PUNCTATUM
DAYNUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)							
	SURF	100	150	200	300	400	800	1200
2							1.0	
NO./HOUR	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0
NO. HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
NO. SPEC.	0	0	0	0	0	0	2	0
NO. SAMPLES	2	2	1	2	2	3	1	1

TABLE 546

MYCTOPHUM PUNCTATUM
DAYNUMBER OF SHIRBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM NET 3
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC M		DEPTHS SAMPLED (M)								
		20	100	150	200	300	400	500	600	750
3			0.2							1.0
4										0.2
5										0.5
NO./HOUR	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1.0
NO. HOURS	2.0	6.0	2.0	6.0	2.0	3.0	3.0	3.0	2.0	3.0
NO. SPEC.	0	1	0	0	0	0	0	0	2	3
NO. SAMPLES	2	6	2	6	2	3	3	3	2	2

TABLE 547

MYCTOPHUM PUNCTATUM
NIGHTNUMBER OF SHIRBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM NET 1
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC M		DEPTHS SAMPLED (M)							
		25	40	70	150	190	235	400	700
3			12.0	1.0	2.0				1.3
4			15.0	2.0	2.0				
5			1.0						
NO./HOUR	0.0	20.0	3.0	2.0	2.0	0.0	0.0	0.0	1.3
NO. HOURS	1.1	1.0	1.0	3.0	1.0	3.0	3.0	3.0	
NO. SPEC.	1	20	3	4	2	0	0	4	
NO. SAMPLES	2	1	1	3	1	3	3	3	

TABLE 550

MYCTOPHUM PUNCTATUM
NIGHTNUMBER OF SHIRBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM NET 2
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC M		DEPTHS SAMPLED (M)								
		SURF	12	45	100	150	200	400	600	1000
3		1.4								
4		0.7	0.7	3.0						
5		0.7		2.0					0.3	
6		1.2		1.0		0.3				
NO./HOUR	10.0	1.3	6.0	0.0	0.3	0.0	0.0	0.0	0.3	0.0
NO. HOURS	10.0	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
NO. SPEC.	116	2	12	0	1	0	0	0	1	0
NO. SAMPLES	20	3	1	1	3	3	2	1	3	3


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TABLE 551

MYCTOPHUM PUNCTATUM
NIGHTNUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	SURF	DEPTHS SAMPLED (M)								
		90	100	150	200	300	400	500	600	750
3	0.2									
4	1.8		1.0	0.3						
5	0.4									
NO./HOUR	2.3	0.0	1.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0
NO. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
NO. SPEC.	70	0	1	1	0	0	0	0	0	0
NO. SAMPLES	58	1	1	3	2	3	3	3	3	3

TABLE 552

SYMPLECFRUS VERANYI
DAYNUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	SURF	DEPTHS SAMPLED (M)					
		150	200	375	500	700	940
2						1.0	
NO./HOUR	0.0	0.0	0.0	0.0	0.0	1.0	0.0
NO. HOURS	2.0	2.0	2.0	2.0	2.0	1.0	2.0
NO. SPEC.	0	0	0	0	0	3	0
NO. SAMPLES	2	0	0	2	0	0	0

TABLE 553

SYMPLECFRUS VERANYI
DAYNUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	SURF	DEPTHS SAMPLED (M)							
		100	150	200	300	400	800	1000	
2							1.5		
NO./HOUR	0.0	0.0	0.0	0.0	0.0	1.0	1.5	0.0	
NO. HOURS	2.0	2.0	1.0	3.0	2.0	3.0	2.0	1.0	
NO. SPEC.	0	0	0	0	0	3	1	0	
NO. SAMPLES	2	2	1	2	2	3	1	1	

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TABLE 554

SYMPLOPHORUS VERANYI
DAYNUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)									
	5	15	150	250	500	750	1000	1500	2000	2500
1		0.5								
NO./HOUR	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NO. HOURS	2.0	0.5	2.0	0.5	2.0	1.0	3.0	2.0	2.0	2.0
NO. SPEC.		4	1					0		
NO. SAMPLES	2	1	2		2	1	3	2	2	2

TABLE 555

SYMPLOPHORUS VERANYI
NIGHTNUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)							
	25	40	70	150	190	235	400	700
3		2.0						
NO./HOUR	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0
NO. HOURS	1.1	1.0	1.0	3.0	1.0	3.0	3.0	3.0
NO. SPEC.	0	2	0	0	0	0	0	0
NO. SAMPLES	2	1	1	3	1	3	3	3

TABLE 556

SYMPLOPHORUS VERANYI
NIGHTNUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)									
	SURF	12	45	100	150	200	400	600	800	1000
1			5.0		0.7					
2	0.00	1.3	2.0	1.0						
3	1.4		0.5							
4	0.3				0.3					
5	0.00									
NO./HOUR	1.9	1.3	7.5	1.0	1.0	0.0	0.0	0.0	0.0	0.0
NO. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
NO. SPEC.	23	2	15	1	3	0	0	0	0	0
NO. SAMPLES	24	3	1	1	3	3	2	1	3	3

TABLE 557

SYNGLOPHORUS VERANYI
NIGHTNUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (F)									
	SURF	90	100	190	200	300	400	500	600	750
2	0.03		1.0							
3		0.9		0.3						
NC./HOUR	0.0	0.9	1.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0
NC. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
NC. SPEC.	1	1	1	1	0	0	0	0	0	0
NC. SAMPLES	50	1	1	3	2	3	3	3	3	3

TABLE 558

LCEIACHIA CCFLEINI
DAYNUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (F)					
	150	225	275	500	750	900
1			1.0	10.0		
2			1.0	10.0		
3				10.0		
NC./HOUR	0.0	0.0	2.0	20.0	0.0	0.0
NC. HOURS	2.0	2.0	2.0	2.0	2.0	2.0
NC. SPEC.	0	0	2	2	0	0
NC. SAMPLES	2	2	2	2	2	2

TABLE 559

LCEIACHIA CCFLEINI
DAYNUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (F)							
	SURF	100	150	200	300	400	500	1000
1						1.0		
NC./HOUR	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0
NC. HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
NC. SPEC.	0	0	0	0	0	3	0	0
NC. SAMPLES	2	2	1	2	2	3	2	1

TABLE 560

LCRIANCHIA DOFLEINI
DAYNUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)									
	50	100	150	200	300	400	500	600	750	1000
1							1.7	0.3		
NO./HOUR	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.3	0.0	0.0
NO. HOURS	2.0	2.0	2.0	2.0	2.0	2.0	3.0	2.0	2.0	3.0
NO. SPEC.	1	1	1	1	1	1	5	1	1	1
NO. SAMPLES	2	2	2	2	2	2	3	3	2	2

TABLE 561

LCRIANCHIA DOFLEINI
DAYNUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)	
	500	700
1	17.0	
NO./HOUR	17.0	0.0
NO. HOURS	1.0	1.0
NO. SPEC.	17	1
NO. SAMPLES	1	1

TABLE 562

LOBIANCHIA DOFLEINI
NIGHTNUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)							
	25	40	70	150	190	235	400	700
1	1.0		52.0	0.3		0.3		
2			9.0	7.0	2.0			
NO./HOUR	1.0	0.0	61.0	7.3	2.0	0.3	0.0	0.0
NO. HOURS	1.1	1.0	1.0	3.0	1.0	3.0	3.0	3.0
NO. SPEC.	1	0	61	22	2	1	0	0
NO. SAMPLES	2	1	1	3	1	3	3	3

TABLE 563

LOBIANCHIA
NIGHT DOFLEININUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	SURF	DEPTHS SAMPLED (M)								
		12	45	100	150	200	400	600	800	1000
1			12.0	1.0						
2			0.5	2.0	0.3	0.3	0.5			
NO./HOUR	0.0	0.0	12.5	3.0	0.3	0.3	0.5	0.0	0.0	0.0
NO. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
NO. SPEC.	0	0	25	3	1	1	1	0	0	0
NO. SAMPLES	24	2	1	1	3	3	2	1	3	3

TABLE 564

LOBIANCHIA
NIGHT DOFLEININUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	SURF	DEPTHS SAMPLED (M)								
		50	100	150	200	300	400	500	600	750
1		0.9	1.0							
2			1.0	2.3		0.3				
NO./HOUR	0.0	0.9	2.0	2.3	0.0	0.3	0.0	0.0	0.0	0.0
NO. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
NO. SPEC.	0	1	2	7	0	1	0	0	0	0
NO. SAMPLES	98	1	1	3	2	3	3	3	3	3

TABLE 565

LOBIANCHIA
NIGHT DOFLEININUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	SURF	DEPTHS SAMPLED (M)							
		50	80	135	155	250	325	425	510
1			2.0						
NO./HOUR	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0
NO. HOURS	7.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
NO. SPEC.	0	0	2	0	0	0	0	0	0
NO. SAMPLES	15	1	1	1	1	1	1	1	1

TABLE 566

DIAPHUS RAFINESQUEI
DAYNUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1,
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)					
	150	235	375	500	700	940
10				0.5		
11						
12				0.5		
14				0.5		
15				0.5		
16						
17				0.5		
18						
19						
20						
21						
22						
23						
24						
25						
26						
27				0.5		
70				0.5		
71						
72						
73						
74				0.5		
75						
76				1.0		
95						
96						
97						
98						
99						
100				1.0		
101						
102						
103						
104						
105				0.5		
NC./HOUR	0.0	0.0	0.0	6.5	0.0	0.0
NC. HOURS	3.0	2.0	3.0	2.0	3.0	3.0
NC. SPEC.	0	0	0	13	0	0
NC. SAMPLES	3	2	3	2	3	3

TABLE 567

DIAPYUS RAPIDUSQUEI
DAYNUMBER OF SWIPLACERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC M	SURF	DEPTHS SAMPLED (F)						
		100	150	200	300	400	800	1000
27						0.3		
NO. HOUR	C.C	C.C	C.C	C.C	C.C	0.3	0.0	C.C
NO. HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
NO. SPEC.	C	C	C	C	0	1	0	C
NO. SAMPLES	2	2	1	2	2	3	1	1

TABLE 568

DIAPHUS RAFINESQUEI
DAYNUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)									
	50	100	150	200	300	400	500	600	750	1000
12							0.7			
13										
14										
15										
16										
17							0.2			
18										
19										
20										
21										
22										
23							0.3			
58								0.2		
59										
60										
61										
62										
63										
64										
65										
66										
67										
68										
69										
70							0.2	0.7		
94								0.7		
95										
96										
97										
98										
99										
100							0.2			
137								0.2		
155							0.2			
209								0.2		
NC./HOUR	0.0	0.0	0.0	0.0	0.0	0.0	2.2	2.2	0.0	0.0
NC. HOURS	2.0	6.0	2.0	6.0	2.0	3.0	3.0	3.0	2.0	3.0
NC. SPEC.	0	0	0	0	0	0	7	7	0	0
NC. SAMPLES	2	6	2	6	2	3	3	3	2	2

TABLE 569

CIAPHUS RAFINESQUEI
DAYNUMBER OF SHIMBLADDER PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)	
	500	700
19	1.0	
75		
76		
77		
78		
79	1.0	
NO. HOUR	2.0	0.0
NO. HOURS	1.0	1.0
NO. SPEC.	2	0
NO. SAMPLES	1	1

TABLE 570

CIAPHUS RAFINESQUEI
DAYNUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)					
	160	250	340	410	495	675
1						1.0
2						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						0.5
32						
NC./HOUR	0.0	0.0	0.0	0.0	0.0	1.5
NC. HOURS	1.0	1.0	1.0	1.0	1.0	2.0
NC. SPEC.	0	0	0	0	0	3
NC. SAMPLES	1	1	1	1	1	2

TABLE 571

DIAPYUS RAFINESQUEI
NIGHTNUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)							
	25	40	70	150	190	235	400	700
21							0.3	
22								
23								
24								
25								
26								
27								
28								
29					1.0	0.3		
30								
40								
41								
62								
63								
64								
65								
66								
67								
68								
69								
70								
71								
72								
73								
74								
75								
76								
77								
78								
79								
80								
81								
82								
83								
84							0.3	
NO./HOUR	0.0	0.0	0.0	0.0	1.0	0.3	0.7	0.0
NO. HOURS	1.1	1.0	1.0	3.0	1.0	3.0	3.0	3.0
NO. SPEC.	0	0	0	0	1	1	2	0
NO. SAMPLES	2	1	1	3	1	3	3	3

TABLE 572

DIAPHUS RAFINESQUEI
NIGHTNUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)									
	SURF	12	45	100	150	200	400	600	800	1000
10			0.5							
11			0.5							
12			0.5							
13										
14			0.5							
15				1.0						
16										
17						0.3				
18										
19						0.3				
20										
21										
22										
23										
24										
25						0.7				
26										
27										
28										
29										
30										
31										
32										
33										
34										
35						0.3				
NO./HOUR	0.0	0.0	2.0	1.0	0.0	1.7	0.0	0.0	0.0	0.0
NO. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
NO. SPEC.	0	0	4	1	0	5	0	0	0	0
NO. SAMPLES	24	3	1	1	3	3	2	1	3	3

TABLE 573

DIAPHUS RAFINESQUEI
NIGHTNUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (F)									
	SURF	50	100	150	200	300	400	500	600	750
4							0.3			
5										
6										
7										
8		0.9								
9		0.6								
10										
11										
12										
13										
14		0.9	1.0							
15										
16		0.6								
17										
29				0.3						
54	0.04			0.3						
55										
56										
57						0.3				
58										
59										
60										
61										
62										
63										
64										
65										
66							0.6			
67										
68										
69										
70							0.3			
71										
72										
73										
74						0.3	0.3			
75										
76										
77										
78										
79							0.3			
80						0.3	0.3			
100					0.5					
137						0.3			0.3	
138										
139										
140										
141										
142										
143										
144								0.7		
174							0.3			
191										
NO./HOUR	0.0	3.7	1.0	0.7	0.5	1.3	2.6	0.7	0.3	0.0
NO. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
NO. SPEC.	1	4	1	2	1	4	8	2	2	0
NO. SAMPLES	58	1	1	3	2	3	3	3	3	3

TABLE 574

DIAPHUS RAFINESQUEI
NIGHTNUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5,
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)								
	SURF	50	80	135	155	250	325	425	510
84									1.0
85									
86									
87									
88									
89									
90									
91									
92									
93									
94									
95									
96									
97									
98									
99									
100									
101									
102									
103									
104									
105									
106									
107									
108									
109									
110									
111									
112									
113									
114									
115									
116									
117									
118									
119									
120									
121									
122									
123									
124									
125									
174									1.0
NO./HOUR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0
NO. HOURS	7.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
NO. SPEC.	0	0	0	0	0	0	0	0	2
NO. SAMPLES	15	1	1	1	1	1	1	1	1

TABLE 575

DIAPHUS POLTI
DAYNUMBER OF SHIPWRECKERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (P)					
	150	225	375	500	700	940
2				2.5		
2						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20		0.5				
NO./HOUR	0.0	0.5	0.0	2.5	0.0	0.0
NO. HOURS	2.0	2.0	3.0	2.0	3.0	3.0
NO. SPEC.	0	1	0	5	0	0
NO. SAMPLES	3	2	3	2	3	2

TABLE 576

DIAPHUS POLTI
DAYNUMBER OF SHIPWRECKERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (P)							
	SURF	100	150	200	300	400	500	1000
2		1.0						
NO./HOUR	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
NO. HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
NO. SPEC.	0	2	0	0	0	0	0	0
NO. SAMPLES	2	2	1	2	2	3	1	1

TABLE 577

DIAPHUS POLYI
DAYNUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)									
	50	100	150	200	300	400	500	600	750	1000
2								2.7		
AC./HOUR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0
AC. HOURS	2.0	6.0	2.0	6.0	2.0	3.0	3.0	2.0	2.0	3.0
AC. SPEC.	0	0	0	0	0	0	0	0	0	0
AC. SAMPLES	2	6	2	6	2	3	3	2	2	2

TABLE 578

DIAPHUS POLYI
DAYNUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)	
	500	700
3	1.0	
AC./HOUR	1.0	0.0
AC. HOURS	1.0	1.0
AC. SPEC.	1	0
AC. SAMPLES	1	1

TABLE 579

DIAPHUS POLYI
DAYNUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)					
	160	250	340	410	490	670
2						0.5
2						0.5
4	1.0					
AC./HOUR	1.0	0.0	0.0	0.0	0.0	1.0
AC. HOURS	1.0	1.0	1.0	1.0	1.0	2.0
AC. SPEC.	1	0	0	0	0	2
AC. SAMPLES	1	1	1	1	1	2

TABLE 580

DIAPHUS POLTI
NIGHTNUMBER OF SNIPELADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (P)							
	25	40	70	150	190	235	400	700
2						0.3	0.7	
3								
4								
5								
6								
7								
8								
9								
10								
11				0.3				
12								
13								
14				1.0				
15				2.0	3.0			
16				0.7	4.0			
17				0.7	1.0			
18				0.7	1.0			
19								
20				0.3				
NO./HOUR	0.0	0.0	0.0	5.7	9.0	0.3	0.7	0.0
NO. HOURS	1.1	1.0	1.0	3.0	1.0	3.0	3.0	2.0
NO. SPEC.	0	0	0	17	9	1	2	0
NO. SAMPLES	2	1	1	3	1	3	3	3

TABLE 581

DIAPHUS POLTI
NIGHTNUMBER OF SNIPELADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (P)									
	SURF	12	45	100	150	200	400	600	800	1000
14				1.0						
15				1.0						
NO./HOUR	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0
NO. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
NO. SPEC.	0	0	0	2	0	0	0	0	0	0
NO. SAMPLES	24	2	1	1	3	3	2	1	3	3

TABLE 582

DIAPHUS POLY
NIGHTNUMBER OF SHIPBLACERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)									
	SURF	50	100	150	200	300	400	500	600	750
2			2.0		1.5				0.3	
3					0.5					
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14				0.3						
15				0.3						
16										
17										
18										
19			1.0							
NO./HOUR	0.0	0.0	3.0	0.7	2.0	0.0	0.0	0.0	0.3	0.0
AC. HOURS	26.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
NO. SPEC.	0	0	3	2	4	0	0	0	1	0
NO. SAMPLES	58	1	1	3	2	3	3	3	3	3

TABLE 583

DIAPHUS POLY
NIGHTNUMBER OF SHIPBLACERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)								
	SURF	50	80	135	155	250	325	425	510
2			1.0		5.0			1.0	
3					3.0				
4					1.0				
NO./HOUR	0.0	0.0	1.0	0.0	9.0	0.0	0.0	1.0	0.0
AC. HOURS	7.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
NO. SPEC.	0	0	1	0	9	0	0	1	0
NO. SAMPLES	15	1	1	1	1	1	1	1	1

TABLE 584

LAMPANCTUS CROCOCILLUS
DAYNUMBER OF SWIMLACERS PER FCUP IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC METER	DEPTHS SAMPLED (M)					
	150	225	375	500	700	940
1					1.0	
2					18.2	
3					2.3	
4					0.3	
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						.2
20						
21						
22						
23						
24						
25						
26						
27						0.3
120						
121						
122						
123						
124						
125						
126					0.3	
NO./FCUP	0.0	0.0	0.0	0.0	22.1	0.7
NO. FCUPS	3.0	2.0	3.0	2.0	3.0	3.0
NO. SPEC.	0	0	0	0	07	2
NO. SAMPLES	3	2	3	2	3	3

TABLE 585

LAMPFANYCTUS CROCCILUS
DAYNUMBER OF SWIMBLADDER PER PCUM IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC M ³	DEPTH SAMPLED (M)							
	SURF	1.0	1.50	2.00	3.00	4.00	6.00	1000
1							1.5	
2							7.0	
3		1.0					2.0	
4							0.5	
5								
6							1.5	
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								1.0
26								
27								
28								
29								
30								
31								
32								
33								
34								
35								
36								
37								
38								
39								1.0
NC./PCUR	0.0	1.0	0.0	0.0	0.0	0.0	17.5	2.0
NC. PCURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
NC. SPEC.	0	2	0	0	0	0	21	2
NC. SAMPLES	2	2	1	2	2	3	1	1

TABLE 586

LAMPNYCTUS CROCOCILUS
DAYNUMBER OF SWIMFLACERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CURIC MV	DEPTHS SAMPLED (M)									
	50	100	150	200	300	400	500	600	750	1000
1		0.2	0.5	0.3						
2				0.2					2.0	
3									2.0	
4									1.0	
5										
6										
7										0.2
8									0.5	
9										0.2
100										
101										
102										
103										
104										
105										
106										
107									0.5	
108										
109										
110										
111										
112										
113										
114										
115										0.2
NC./HOUR	0.0	0.2	0.5	0.5	0.0	0.0	0.0	0.0	6.0	0.7
NC. FLURS	2.0	6.0	2.0	6.0	2.0	3.0	3.0	3.0	2.0	3.0
NC. SPEC.	0	1	1	3	1	1	0	0	12	3
NC. SAMPLES	2	6	2	6	2	3	3	3	2	2

TABLE 587

LAMPANYCTUS CROCODILUS
NIGHTNUMBER OF SHIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)							
	25	40	70	150	190	235	400	700
1								
2				1.0				0.7
3			2.0					
4			2.0				0.3	0.3
5								
6								
7								
8								
9								
10								
11								
12								0.3
13								
14								
15								
16								
17								
18								
19								0.3
30								0.3
108								0.3
NO./HOUR	0.0	0.0	4.0	1.0	0.0	0.0	0.3	2.3
NO. HOURS	1.1	1.0	1.0	3.0	1.0	3.0	3.0	3.0
NO. SPEC.	0	0	4	3	0	0	1	7
NO. SAMPLES	2	1	1	3	1	3	3	3

LANPANYCTUS CROCODILUS
NIGHT

NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED-2
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (P)									
	SURF	12	45	100	150	200	400	600	800	1000
1			5.5		0.3					
2			3.0		0.3				0.3	
3			1.5	1.0						
4				1.0						
5										
6			0.5							
7										
8										
9				1.0						
10									0.3	
11										
12										
13									0.3	
14										
15									0.3	
16										
17										
18										
19										
20									0.3	
21										
22									0.3	
23										
24									0.3	
25										
26									0.3	
27										0.3
28									0.3	
29										
30										0.3
31										
32										
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73										
74										
75										0.3
76										
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108										
109										
110										0.3
111										0.3
112										
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TABLE 589

LAMPANYCTUS CROCOCILUS
NIGHTNUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)									
	SURF	50	100	150	200	300	400	500	600	750
3		0.9	1.0						0.3	
4										0.3
5							0.3			
6									0.3	
7										
8										
9										0.3
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										
32										
33										
34							0.3			
35										
36										0.4
117										0.3
NO./HOUR	0.0	0.9	1.0	0.0	0.0	0.0	0.4	0.0	0.7	1.3
NO. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
NO. SPEC.	0	1	1	0	0	0	2	0	2	4
NO. SAMPLES	50	1	1	3	2	3	3	3	3	3

TABLE 590

LAMPANYCTUS
DAYVOLUME
CUBIC
MM

	150	225	375	500	700	940
1				0.5	2.3	
2					2.0	1.3
3					3.7	
4					5.6	2.7
5					2.7	0.3
NC./PCUP	0.0	0.0	0.0	0.5	19.2	3.3
NC. PCUPS	0.0	0.0	0.0	0.0	3.0	3.0
NC. SPEC.	0	0	0	1	20	1
NC. SAMPLES	3	2	2	2	3	4

NUMBER OF SNIPELACERS PER PCUP IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTHS SAMPLED (M)

TABLE 591

LAMPANYCTUS
DAYVOLUME
CUBIC
MM

	SURF	10	150	200	300	400	500	1000
3							0.5	
4							0.5	
5							0.5	
6							0.5	
NC./PCUP	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0
NC. PCUPS	0.0	0.0	1.0	2.0	2.0	3.0	2.0	1.0
NC. SPEC.	0	0	0	0	0	0	4	0
NC. SAMPLES	2	2	1	2	2	2	1	1

NUMBER OF SNIPELACERS PER PCUP IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTHS SAMPLED (M)

TABLE 592

LAMPANYCTUS
DAYVOLUME
CUBIC
MM

	50	100	150	200	300	400	500	600	750	1000
1								17.1		
2									0.5	
3									0.5	0.2
4										
NC./PCUP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.1	1.0	0.2
NC. PCUPS	2.0	6.0	2.0	6.0	2.0	3.0	3.0	3.0	2.0	3.0
NC. SPEC.	0	0	0	0	0	0	0	56	2	1
NC. SAMPLES	2	6	2	6	2	3	2	2	2	2

NUMBER OF SNIPELACERS PER PCUP IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTHS SAMPLED (M)

TABLE 593

LAPIDMYCTUS PUSILLUS
DAYNUMBER OF SWIMBLACERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC M	DEPTHS SAMPLED (P)	
	900	700
1	1.0	13.0
NO./HOUR	1.0	13.0
NO. HOURS	1.0	1.0
NO. SPEC.	1	13
NO. SAMPLES	1	1

TABLE 594

LAPIDMYCTUS PUSILLUS
DAYNUMBER OF SWIMBLACERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC M	DEPTHS SAMPLED (P)					
	100	290	340	410	495	675
1						2.0
2						
3						
4						
5	1.0					
NO./HOUR	1.0	0.0	0.0	0.0	0.0	2.0
NO. HOURS	1.0	1.0	1.0	1.0	1.0	2.0
NO. SPEC.	1	0	0	0	0	4
NO. SAMPLES	1	1	1	1	1	2

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TABLE 595

LAMPANYCTUS PUSILLUS
NIGHTNUMBER OF SHIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (P)							
	25	40	70	150	190	235	400	700
1			7.0					
2			8.0					
3			6.0					
4			15.0	1.7				
5			2.0					
NO./HOUR	0.0	0.0	38.0	1.7	0.0	0.0	0.0	0.0
NO. HOURS	1.1	1.0	1.0	3.0	1.0	3.0	3.0	3.0
NO. SPEC.	0	0	36	5	0	0	0	0
NO. SAMPLES	2	1	1	3	1	3	3	3

TABLE 596

LAMPANYCTUS PUSILLUS
NIGHTNUMBER OF SHIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (P)									
	SURF	12	45	100	150	200	400	600	800	1000
1			7.5	1.0	0.7				0.3	
2			2.0		0.3					
3			1.5		0.3					
4			1.0	4.0						
5				1.0				1.0		
NO./HOUR	0.0	0.0	12.0	6.0	1.3	0.0	0.0	1.0	0.3	0.0
NO. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
NO. SPEC.	0	0	24	6	4	0	0	1	1	0
NO. SAMPLES	24	3	1	1	3	3	2	1	3	3

TABLE 597

LAMPANYCTUS PUSILLUS
NIGHTNUMBER OF SHIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (P)									
	SURF	50	100	150	200	300	400	500	600	750
2		0.9	2.0							
3			3.0							
NO./HOUR	0.0	0.9	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NO. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
NO. SPEC.	0	1	5	0	0	0	0	0	0	0
NO. SAMPLES	58	1	1	3	2	3	3	3	3	3

TABLE 598

LAMPYCTUS PUSILLUS
NIGHTNUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 9
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)								
	SURF	50	80	135	155	250	325	425	510
1		1.0	11.0				1.0		
2			1.0						
3			4.0	1.0					
4									
5									
6			1.0						
NO./HOUR	0.0	1.0	17.0	1.0	0.0	0.0	1.0	0.0	0.0
NO. HOURS	7.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
AC. SPEC.	0	1	17	1	0	0	1	0	0
NO. SAMPLES	15	1	1	1	1	1	1	1	1

TABLE 599

GERATOSCOPELLUS MADAGASCARIENSIS
DAYNUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)					
	150	200	370	500	700	940
1	1.0	0.0	0.0	0.0	10.0	0.0
2						
3						
4						1.0
5				0.0		1.0
6						1.0
AC./HOUR	0.0	0.0	0.0	1.0	10.0	2.0
AC. HOURS	2.0	2.0	2.0	2.0	2.0	2.0
AC. SPEC.	1	1	1	2	317	7
AC. SAMPLES	2	2	2	2	3	3

TABLE 600

CERATOSCOPELUS MADAGASCENSIS
DAYNUMBER OF SHIMP LACERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)							
	SURF	100	150	200	300	400	500	1000
1							21.0	
2								
3								
4								
5								
NO./HOUR	0	0.0	0.0	0.0	0.0	0	22.0	0.0
NO. HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
NO. SPEC.	0		0	0	0		44	0
NO. SAMPLES	2	2	1	2	2	3	1	1

TABLE 601

CERATOSCOPELUS MADAGASCENSIS
DAYNUMBER OF SHIMP LACERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)									
	0	100	150	200	300	400	500	600	750	1000
1		0.0	0.0	0.0				1.0	72.0	3.0
2				0.0						
3				0.0						
4										
5										
6										
7										0.0
8										
NO./HOUR	0.0	0.0	0.0	0.0	0	0.0	0.0	1.0	72.0	3.0
NO. HOURS	2.0	0.0	2.0	0.0	2.0	3.0	3.0	3.0	2.0	3.0
NO. SPEC.	0	1	1	0				4	144	0
NO. SAMPLES	2	0	2	0	2	3	3	3	2	2

TABLE 602

CERATOSCOPELUS MADAGASCENSIS
DAYNUMBER OF SHIMP LACERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)	
	500	700
1		10.0
NO./HOUR	0.0	10.0
NO. HOURS	1.0	1.0
NO. SPEC.	0	10
NO. SAMPLES	1	1

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TABLE 603

CERATOSCOPELUS MADEIRENSIS
NIGHTNUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)							
	25	40	70	150	190	235	400	700
1	6.5	8.0	4.0	0.7		1.0	0.3	12.3
2								
3								
4	1.0		2.0	1.0				
5			1.0	1.3				
6	0.8		0.0	1.0				
7	1.0		1.0					
NO./HOUR	11.3	8.0	14.0	4.0	0.0	1.0	0.3	12.3
NO. HOURS	1.1	1.0	1.0	3.0	1.0	3.0	3.0	3.0
NO. SPEC.	12	8	14	12	0	3	1	37
NO. SAMPLES	2	1	1	3	1	3	3	3

TABLE 604

CERATOSCOPELUS MADEIRENSIS
NIGHTNUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)									
	SURF	12	45	100	150	200	400	600	800	1000
1		94.1	0.5		3.0			1.0	3.3	
2										
3										
4										
5										
6			1.0							
7					0.3					
8										
9			0.5							
10			1.0							
11										
12										
13			1.0							
14										
15			0.5							
16										
17										
18										
19										
20										
21			0.5							
NO./HOUR	0.0	94.1	13.0	0.0	3.3	0.0	0.0	1.0	3.3	0.0
NO. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
NO. SPEC.	0	132	24	0	10	0	0	1	10	0
NO. SAMPLES	24	3	1	1	3	3	2	1	3	3

TABLE 605

CERATOSCOPELUS MADERENSIS
NIGHTNUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)									
	SURF	50	100	150	200	300	400	500	600	750
1		1.0	1.0		0.5	0.7			0.3	11.1
2										
3										
4										
5										
6										
7		C.5								
8		C.5								
9										
10										
11										
12										
13		C.5								
NO./FOUR	C.0	4.6	1.0	0.0	0.5	0.7	0.0	0.0	0.3	11.1
NO. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
NO. SPEC.	0	5	1	0	1	2	0	0	1	34
NO. SAMPLES	58	1	1	3	2	3	3	3	3	3

TABLE 606

CERATOSCOPELUS MADERENSIS
NIGHTNUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)								
	SURF	50	80	135	155	250	325	425	510
1		8.0	38.0	7.0					
2			1.0						
3			1.0						
4									
5			1.0						
6			1.0						
7									
8			1.0						
9			1.0						
10									
11									
12			1.0						
NO./FOUR	C.0	8.0	45.0	7.0	0.0	0.0	0.0	0.0	0.0
NO. HOURS	7.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
NO. SPEC.	0	8	45	7	0	0	0	0	0
NO. SAMPLES	15	1	1	1	1	1	1	1	1

TABLE 607

NOTOSCOPELUS KROYERI
NIGHTNUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)							
	25	40	70	150	190	235	400	700
4	1.0	0.0	1.0	0.3				0.3
NC./HOUR	1.0	0.0	1.0	0.3	0.0	0.0	0.0	0.3
NO. HOURS	1.1	1.0	1.0	3.0	1.0	3.0	3.0	3.0
NO. SPEC.	1	0	1	1	0	0	0	1
NO. SAMPLES	2	1	1	3	1	3	3	3

TABLE 608

NOTOSCOPELUS KROYERI
NIGHTNUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)									
	SURF	12	45	100	150	200	400	600	800	1200
4		0.7	7.5							
NC./HOUR	0.0	0.7	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NO. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
NO. SPEC.	0	1	15	0	0	0	0	0	0	0
NO. SAMPLES	24	3	1	1	3	3	2	1	3	3

TABLE 609

NOTOSCOPELUS KROYERI
NIGHTNUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)									
	SURF	50	100	150	200	300	400	500	600	750
4		3.1		0.3	0.5					
NC./HOUR	0.0	3.7	0.0	0.3	0.5	0.0	0.0	0.0	0.0	0.0
NO. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
NO. SPEC.	0	4	0	1	1	0	0	0	0	0
NO. SAMPLES	50	1	1	3	2	3	3	3	3	3

TABLE 610

NOTESCOPELUS ELONGATUS
DAYNUMBER OF SWIRLCELLS PER FLUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.5 HOURS OF SUN-ISE OR SUNSET EXCLUDED

VOLUME CUBIC M ³	DEPTH SAMPLES (M)					
	150	225	375	525	750	940
2			0.2	1.5		
3				0.5		
AC/HOUR	0.0	0.0	1.2	1.5	1.0	3.0
AC. FLURS	0.0	2.0	2.0	2.0	1.0	3.0
AC. SPEC.	0	1	1	3	1	3
AC. SAMPLES	1	2	2	2	2	2

TABLE 611

NOTESCOPELUS ELONGATUS
DAYNUMBER OF SWIRLCELLS PER FLUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.5 HOURS OF SUN-ISE OR SUNSET EXCLUDED

VOLUME CUBIC M ³	DEPTH SAMPLES (M)							
	SURF	15	150	200	300	400	500	1000
2								1.0
3								2.0
AC/HOUR	0.0	0.0	1.0	0.5	1.0	1.0	0.0	3.0
AC. FLURS	2.0	2.0	1.0	2.0	2.0	2.0	2.0	1.0
AC. SPEC.	1	1	1	1	1	1	1	2
AC. SAMPLES	2	2	1	2	2	2	1	1

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TABLE 612

NOTOSCOPELUS ELONGATUS
NIGHTNUMBER OF SHIPBLACERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (P)									
	SURF	12	45	100	150	200	400	600	800	1000
1			1.0		0.3					
2			1.0							
3				1.0						
NO./HOUR	0.0	0.0	2.0	1.0	0.3	0.0	0.0	0.0	0.0	0.0
NO. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
NO. SPEC.	0	0	4	1	1	0	0	0	0	0
NO. SAMPLES	24	3	1	1	3	3	2	1	3	3

TABLE 613

NOTOSCOPELUS ELONGATUS
NIGHTNUMBER OF SHIPBLACERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (P)									
	SURF	50	100	150	200	300	400	500	600	750
3			1.0							
NO./HOUR	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NO. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
NO. SPEC.	0	0	1	0	0	0	0	0	0	0
NO. SAMPLES	50	1	1	3	2	3	3	3	3	3