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MEDITERRANEAN BIOLOGICAL STUDIES

FINAL REPORT

VOLUME II OF II

APPENDICES 2, 3, 4

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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

CYCLOTHCNE 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								3	3
11								36	36
12								142	142
13								95	95
14							53		53
15							117		117
16							198		198
17							137		137
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			13						13
27			3						3
TOTALS	0	0	1457	1	0	0	505	443	2406

TABLE 48

CYCLOTHCNE 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							54		54
16							175		175
17							122		122
18			5					118	123
19			184						184
20			341						341
21			376						376
22			383						383
23			314						314
24			130						130
25			55						55
26			12						12
TOTALS	0	0	1802	0	0	0	372	193	2367

TABLE 49

CYCLOTHCNE BRAUERII		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
30								3	3
31								41	41
32								221	221
33								236	236
34							214		214
35							344		344
36							360		360
37							334		334
38								462	462
39			563						563
40			455						455
41			337						337
42			111						111
43			23						23
44			3						3
45			1						1
46									
47									
48			1						1
TOTALS	0	0	1534	0	0	0	1252	963	3749

TABLE 50

CYCLOPHONE BRAUERII

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	0	0	268	0	0	0	187	92	547

TABLE 51

CYCLOPHONE BRAUERII

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								96	96
14							180		180
15							204		204
16							126		126
17							81		81
18								44	44
19			40						40
20			34						34
21			24						24
22			13						13
23			3						3
24			1						1
TOTALS	0	0	115	0	0	0	591	155	861

TABLE 52

CYCLOTHONE BRAUER I

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	3.0		0.0	0.0	0.0	0.0	3	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	3.0	0.0	0.0	0.7	0.3	3	3
275														
300														
325														
350														
375	3.0		0.0	20.7	102.3	40.3	3	3.0	0.0	34.0	89.7	41.3	3	495
400														
425														
450														
475														
500	2.0		0.0	59.0	303.0	99.0	2							
525														
550														
575														
600														
625														
650														
675														
700	3.0		0.0	0.3	78.2	16.0	3	3.0	0.0	0.3	25.8	4.6	3	93
725														
750														
775														
800														
825														
850														
875														
900														
925														
950	3.0		0.0	0.0	0.0	0.0	3							
975														
1000														

TABLE 53

CYCLOTHONE BRAUER 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	FEMALE	INTERMED.	NUMBER OF SAMP.-INDIV.		TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	FEMALE	INTERMED.	NUMBER OF SAMP.-INDIV.	
SURF														
25	2.0	0.0	0.0	0.0	0.0	2	0	11.9	0.0	0.0	0.0	0.0	24	0
50								1.5	0.0	1.1	22.8	3.0	3	44
75								2.0	0.0	0.0	0.0	0.0	1	0
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								1.0	0.0	54.0	415.0	77.0	1	546
625														
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	8	3.0	0.0	0.0	2.0	2.3	3	13

CYCLOTHONE BRAUER 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 JUVENILE	PER HOUR FEMALE	INTERMED.	NUMBER OF SAMP.-INDIV.		TOTAL HOURS	POSTLARVA	NUMBER PER JUVENILE	PER HOUR FEMALE	INTERMED.	NUMBER OF SAMP.-INDIV.	
SURF								29.0	0.0	0.0	0.0	0.0	58	0
25														
50	2.0	C.C	0.0	C.C	0.0	2	0	1.1	0.0	0.0	0.0	C.C	1	0
75														
100	6.0	C.C	0.0	C.C	0.0	6	0	1.0	0.0	0.0	6.0	3.0	1	9
125														
150	2.0	C.C	0.0	1.5	0.5	2	4	3.0	0.0	0.0	0.0	0.0	3	0
175														
200	6.0	0.0	C.C	0.3	0.2	6	3	2.0	0.0	0.0	6.5	4.5	2	22
225														
250														
275														
300	2.0	C.C	15.0	21.5	20.5	2	110	3.0	0.0	0.0	0.3	0.0	3	1
325														
350														
375														
400	3.0	C.C	3.3	5.0	11.0	3	58	3.1	0.0	0.7	1.3	8.6	3	32
425														
450														
475														
500	3.0	C.C	101.0	155.0	180.0	3	1308	3.0	0.0	42.7	111.3	124.0	3	834
525														
550														
575														
600	3.0	C.C	5.3	94.7	36.4	3	419	3.0	0.0	4.3	100.0	27.7	3	396
625														
650														
675														
700														
725														
750	2.0	C.C	0.0	7.5	3.0	2	21	3.0	0.0	0.0	7.3	3.9	3	34
775														
800														
825														
850														
875														
900														
925														
950														
975														
1000	3.0	C.C	0.0	C.C	0.5	2	1							

CYCLOTHONE BRAUER I

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

[illegible]

TABLE 56

CYCLOTHONE BRAUER I

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 0
25												
50							1.0	0.0	0.0	0.0	1.0	1 1
75												
100							1.0	0.0	0.0	0.0	0.0	1 0
125												
150							1.0	0.0	2.0	1.0	1.0	1 4
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							1.0	0.0	12.0	5.0	87.0	1 104
425	1.0	0.0	0.0	0.0	0.0	1 0						
450												
475												
500	1.0	0.0	1.0	3.0	2.0	1 6	1.0	0.0	11.0	11.0	64.0	1 86
525												
550												
575												
600												
625												
650												
675	2.0	0.0	0.0	19.0	3.0	2 44						
700												
725												
750												
775												
800												
825												
850												
875												
900												
925												
950												
975												
1000												

TABLE 57

CYCLOTHONE BRAUER I
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
10				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	7.0	
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. HOURS	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 BRAUERI
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
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 BRAUERI
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
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 DAY BRAUERI NUMBER 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 DAY BRAUERI 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)					
	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 BRAUERI
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	58	1	1	3	2	3	3	3	3	3

TABLE 65

CYCLOTHONE BRAUERI
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

ELE 66

CLOTHONE PYGMAEA

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 1

DEPTH	POSTLARVAE	JUVENILES	FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	INTERMEDIATE	UNDESIGNATED	TOTALS
0								2	2
1								7	7
2								14	14
3					1			71	72
4							170		170
5							174		174
6							201		201
7			12		2			156	170
8			113						113
9			74						74
10			53						53
11			32						32
12			14						14
13			4						4
TOTALS	0	0	202	0	3	0	545	250	1100

ELE 67

CLOTHONE PYGMAEA

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 2

DEPTH	POSTLARVAE	JUVENILES	FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	INTERMEDIATE	UNDESIGNATED	TOTALS
2								11	11
3		1			2			31	34
4							58		58
5							275		275
6							457		457
7			14		6			567	585
8			659						659
9			588						588
10			252						252
11			145						145
12			38						38
13			12						12
14			2						2
15			3						3
TOTALS	0	1	1813	0	10	0	870	605	3303

ELE 68

CLOTHONE PYGMAEA

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 3

DEPTH	POSTLARVAE	JUVENILES	FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	INTERMEDIATE	UNDESIGNATED	TOTALS
10								2	2
11								10	10
12								29	29
13								82	82
14							79		79
15							67		67
16							67		67
17								58	58
18			28						28
19			19						19
20			13						13
21			5						5
22			1						1
23			1						1
TOTALS	0	0	67	0	0	0	213	181	461

E	POSTLARVAE	JUVENILES	FEMALES:	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	INTERMED- IATE	UNDESIGNATED	TOTALS
								8	8
								27	27
								48	48
							39		39
							42		42
							17		17
								9	9
			2						2
			1						1
ALS	0	0	3	0	0	0	104	92	199

	POSTLARVAE	JUVENILES	FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	INTERMED- IATE	UNDESIGNATED	TOTALS
								5	5
								5	5
								14	14
							20		20
							5		5
							7		7
								1	1
TOTALS	0	0	0	0	0	0	36	25	61

CLOTHONE PYGMAEA

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

DEPTH	DAY							NIGHT						
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	FEMALE	INTERMED.	SAMP.-INDIV.	NUMBER OF	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	FEMALE	INTERMED.	SAMP.-INDIV.	NUMBER OF
000														
025								1.1	0.0	0.0	1.0	0.0	2	1
050								1.0	0.0	0.0	0.0	0.0	1	0
075								1.0	0.0	0.0	0.0	0.0	1	0
100														
125	3.0	0.0	0.0	0.0	0.0	3	0	3.0	0.0	0.0	0.0	0.0	3	0
150								1.0	0.0	0.0	0.0	0.0	1	0
175	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
200														
225														
250	3.0	0.0	0.0	0.0	0.0	3	0	3.0	0.0	0.0	0.0	0.0	3	0
275														
300	2.0	0.0	0.0	0.0	0.0	2	0							
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	0.0	0.0	0.0	2	0							
500														
525														
550														
575	3.0	0.0	24.8	34.6	137.5	3	594	3.0	0.0	6.0	26.0	35.7	3	204
600														
625														
650														
675														
700	3.0	0.0	0.7	39.3	7.7	3	143							
725														
750														
775														
800														
825														
850														
875														
900														
925														
950														
975														
000														

CLOTHONE PYGMAEA

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

DEPTH	DAY							NIGHT						
	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	FEMALE	INTERMED.	SAMP.-INDIV.	NUMBER OF	TOTAL HOURS	POSTLARVA	NUMBER PER HOUR JUVENILE	FEMALE	INTERMED.	SAMP.-INDIV.	NUMBER OF
000														
025	2.0	0.0	0.0	0.0	0.0	2	0	11.9	0.0	0.0	0.0	0.0	24	0
050								1.5	0.0	3.7	56.9	32.5	3	145
075								2.0	0.0	0.0	0.0	0.0	1	0
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	1.0	1	1	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	2.0	2.5	2	9							
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	6.0	4.0	13.0	1	23
625														
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														
000	1.0	0.0	0.0	109.0	24.0	1	133	3.0	0.0	0.7	79.7	18.0	3	295

CYCLOTHONE PYGMAEA

DEPTH M	DAY							NIGHT						
	TOTAL HOURS	POSTLARVA	NUMBER PER JUVENILE	PER HOUR FEMALE	INTERMED.	SAMP.-INDIV.		TOTAL HOURS	POSTLARVA	NUMBER PER JUVENILE	PER HOUR FEMALE	INTERMED.	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	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	19.7	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							

CYCLOTHONE PYGMAEA

[illegible]

E 75

OTHOE PYGMAEA

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

TIME	DAY								NIGHT							
	TOTAL HOURS	NUMBER PER HOUR			NUMBER OF				TOTAL HOURS	POSTLARVA	NUMBER PER HOUR			NUMBER OF		
		POSTLARVA	JUVENILE	FEMALE	INTERMED.	SAMP.	-INDIV.				POSTLARVA	JUVENILE	FEMALE	INTERMED.	SAMP.	-INDIV.
RF									7.8	0.0	0.0	0.0	0.0	0.0	15	0
25									1.0	0.0	0.0	0.0	0.0	0.0	1	0
50									1.0	0.0	0.0	0.0	0.0	0.0	1	0
75									1.0	0.0	0.0	0.0	0.0	0.0	1	0
00									1.0	0.0	0.0	0.0	0.0	0.0	1	0
25	1.0	0.0	0.0	0.0	0.0	1	0		1.0	0.0	0.0	0.0	0.0	0.0	1	0
50									1.0	0.0	0.0	0.0	0.0	0.0	1	0
75	1.0	0.0	0.0	0.0	0.0	1	0		1.0	0.0	0.0	0.0	0.0	0.0	1	0
00									1.0	0.0	0.0	0.0	0.0	0.0	1	0
25	1.0	0.0	0.0	0.0	0.0	1	0		1.0	0.0	0.0	0.0	0.0	0.0	1	0
50									1.0	0.0	0.0	0.0	0.0	0.0	1	0
75	1.0	0.0	0.0	0.0	0.0	1	0		1.0	0.0	0.0	0.0	0.0	0.0	1	0
00									1.0	0.0	0.0	0.0	0.0	0.0	1	0
25	1.0	0.0	0.0	0.0	0.0	1	0		1.0	0.0	0.0	0.0	0.0	0.0	1	0
50									1.0	0.0	0.0	0.0	0.0	0.0	1	0
75	1.0	0.0	0.0	0.0	0.0	1	0		1.0	0.0	0.0	0.0	0.0	0.0	1	0
00									1.0	0.0	0.0	0.0	0.0	0.0	1	0
25	2.0	0.0	5.5	0.0	12.0	2	35									
50																
75																
00																
25																
50																
75																
00																
25																
50																
75																
00																

E 76

OTHOE PYGMAEA
Y

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

	DEPTHS SAMPLED (#)					
	150	235	375	500	700	940
					0.7	
					1.7	0.3
					3.0	
					19.6	0.3
					45.5	0.3
					45.6	2.0
					46.4	5.3
					31.1	11.3
					18.2	9.7
					7.3	8.0
					5.9	8.3
					2.3	6.0
					0.7	3.3
					0.3	0.3
HOUR	0.0	0.0	0.0	0.0	228.1	55.3
HOURS	3.0	2.0	3.0	2.0	3.0	3.0
SPEC.	0	0	0	0	688	166
SAMPLES	3	2	3	2	3	3

BLE 77

CLOTHONE PYGMAEA
DAY

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

DEPTH M	DEPTHS SAMPLED (M)							
	SURF	100	150	200	300	400	800	1000
2							1.5	
3							3.0	
4			1.0		0.5		13.5	4.0
5					2.0		47.5	7.0
6							89.0	13.0
7					1.0		100.0	33.0
8					1.0		100.5	38.0
9					1.0		80.5	30.0
0							37.0	27.0
1							21.0	8.0
2							5.5	2.0
3							1.0	
4								1.0
Q./HOUR	0.0	0.0	1.0	0.0	5.5	0.0	500.0	163.0
Q. HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
Q. SPEC.	0	0	1	0	11	0	1000	163
Q. SAMPLES	2	2	1	2	2	3	1	1

BLE 78

CLOTHONE PYGMAEA
DAY

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

DEPTH M	DEPTHS SAMPLED (M)									
	50	100	150	200	300	400	500	600	750	1000
1									0.5	0.2
2								1.7	3.5	0.2
3								5.3	6.5	3.0
4								2.0	9.0	3.9
5			1.5					0.7	8.0	4.2
6								0.7	5.5	8.8
7			1.5						3.0	8.3
8			1.5						2.0	4.6
9									0.5	4.9
0										3.4
1									0.5	0.7
2										0.5
3										0.5
Q./HOUR	0.0	0.0	4.5	0.0	0.0	0.0	0.0	10.3	39.0	43.4
Q. HOURS	2.0	6.0	2.0	6.0	2.0	3.0	3.0	3.0	2.0	3.0
Q. SPEC.	0	0	9	0	0	0	0	31	78	139
Q. SAMPLES	2	6	2	6	2	3	3	3	2	2

BLE 79

CLOTHONE PYGMAEA
DAY

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

DEPTH M	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
Q./HOUR	42.0	22.0
Q. HOURS	1.0	1.0
Q. SPEC.	42	22
Q. SAMPLES	1	1

BLE 80

CLOTHONE PYGMAEA
DAY

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

DEPTH M	DEPTHS SAMPLED (M)					
	160	250	340	410	495	675
1						1.5
2						1.0
3						3.0
4						6.5
5						3.5
6						2.0
7						0.5
1. / HOUR	0.0	0.0	0.0	0.0	0.0	18.0
1. HOURS	1.0	1.0	1.0	1.0	1.0	2.0
1. SPEC.	0	0	0	0	0	36
1. SAMPLES	1	1	1	1	1	2

BLE 81

CLOTHONE PYGMAEA
NIGHT

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

DEPTH M	DEPTHS SAMPLED (M)							
	25	40	70	150	190	235	400	700
1								0.3
2								1.6
3								4.0
4								10.6
5								10.3
6								14.8
7								13.7
8								9.3
9								9.3
10								3.3
11								2.3
12								0.7
13								0.7
1. / HOUR	1.0	0.0	0.0	0.0	0.0	0.0	0.0	81.0
1. HOURS	1.1	1.0	1.0	3.0	1.0	3.0	3.0	3.0
1. SPEC.	1	0	0	0	0	0	0	245
1. SAMPLES	2	1	1	3	1	3	3	3

BLE 82

CLOTHONE PYGMAEA
NIGHT

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

DEPTH M	DEPTHS SAMPLED (M)									
	SURF	12	45	100	150	200	400	600	800	1000
1										
2		0.5						2.0		
3		3.2						4.0	2.0	0.7
4		6.5						8.0	5.7	1.7
5		8.9						5.0	17.9	5.0
6		17.1							32.3	11.3
7		21.2							34.6	17.7
8		21.4							36.6	22.0
9		19.9						1.0	29.3	29.3
10		10.9						2.0	15.0	16.0
11		3.2							5.3	8.0
12		1.6						1.0	1.3	2.0
13									0.3	1.7
14										
15									0.3	0.3
1. / HOUR	0.0	114.3	0.0	0.0	0.0	0.0	0.0	23.0	180.7	115.7
1. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
1. SPEC.	0	178	0	0	0	0	0	23	543	347
1. SAMPLES	24	3	1	1	3	3	2	1	3	3

LE 83

LOTHONE PYGMAEA
LIGHT

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

	DEPTHS SAMPLED (M)									
	SURF	50	100	150	200	300	400	500	600	750
										0.3
										1.4
										4.0
			2.0						0.7	10.0
			2.0						1.3	9.7
									1.0	6.6
			1.0							5.9
			1.0							6.1
			2.0							0.6
										1.3
										0.6
										0.4
HOURL	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	3.0	47.0
HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
SPEC.	0	0	8	0	0	0	0	0	9	141
SAMPLES	58	1	1	3	2	3	3	3	3	3

LE 84

OSTOMA CENUCATUM

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 2

	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
	1								1
ALS	1	0	0	0	0	0	0	0	1

AELE 85

OSTOMA CENUCATUM

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
13	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									
65					1				1
97					1				1
TOTALS	8	4	0	0	2	0	0	0	14

ENCYSTOMA CENUCATUM		NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 4							
SIZE	POSTLARVAE	JUVENILES	SUBADULT FEMALE	ADULT FEMALE	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
8		1							1
TOTALS	0	1	0	0	0	0	0	0	1

OSTOMA DENUDATUM

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

TH	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.	
RF	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														
00	2.0	0.0	0.0	0.0	0.0	2	0	1.0	0.0	0.0	0.0	0.0	1	0
25														
50	1.0	0.0	0.0	0.0	0.0	1	0	3.0	0.3	0.0	0.0	0.0	3	1
75														
00	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
25														
50														
75														
00	2.0	0.0	0.0	0.0	0.0	2	0							
25														
50														
75														
00	3.0	0.0	0.0	0.0	0.0	3	0	2.1	0.0	0.0	0.0	0.0	2	0
25														
50														
75														
00														
25														
50														
75														
00								1.0	0.0	0.0	0.0	0.0	1	0
25														
50														
75														
00	2.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0
25														
50														
75														
00														
25														
50														
75														
00	1.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0

OSTOMA DENUDATUM

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

TH	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.	
RF								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														
00	6.0	0.0	0.0	0.0	0.0	6	0	1.0	2.0	0.0	0.0	0.0	1	2
25														
50	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.3	0.0	0.0	3	1
75														
00	6.0	0.0	0.0	0.0	0.0	6	0	2.0	0.0	0.0	0.0	0.0	2	0
25														
50														
75														
00	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
25														
50														
75														
00	3.0	0.0	0.0	0.0	0.0	3	0	3.1	0.0	0.0	0.0	0.0	3	0
25														
50														
75														
00	3.0	0.0	1.0	0.0	0.0	3	3	3.0	0.0	0.0	0.0	0.0	3	0
25														
50														
75														
00	3.0	0.0	0.0	0.0	0.0	3	0	3.0	0.0	0.0	0.0	0.0	3	0
25														
50														
75														
00														
25														
50	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
75														
00														
25														
50														
75														
00	3.0	0.0	0.0	0.0	0.0	2	0							

TABLE 89

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			
45							0.3			
97								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	58	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	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
20				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	UNSTAGED 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				1					1
30									
31									
32									
33									
34									
35									
36									
37									
38				1					1
39									
TOTALS	1	4	0	3	0	0	0	0	8

MTHYUCCUS OVATUS

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

PTH 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.	
000	2.0	0.0	0.0	0.0	0.0	2	0	11.9	0.0	0.0	0.0	0.0	24	0
025								1.5	0.0	0.0	0.0	0.0	3	0
050								2.0	0.0	0.0	0.0	0.0	1	0
075														
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	0.7	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	2.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0
800														
825														
850														
875														
900														
925														
950														
975														
000	1.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0

MTHYUCCUS OVATUS

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

PTH 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.	
000								29.0	0.0	0.0	0.0	0.0	58	0
025								1.1	0.0	0.0	0.0	0.0	1	0
050	2.0	0.0	0.0	0.0	0.0	2	0	1.0	0.0	0.0	0.0	0.0	1	0
075														
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														
775														
800	2.0	0.5	0.0	0.0	0.0	2	1	3.0	0.0	0.0	0.0	0.0	3	0
825														
850														
875														
900														
925														
950														
975														
000	3.0	0.0	0.0	0.0	0.0	2	0							

TABLE 96

CHTHYOCOCCUS OVATUS
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
00						0.3		
01								
02								
03								
04								
05						0.3		
06								
0. / HOUR	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0
0. HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
0. SPEC.	0	0	0	0	0	2	0	0

TABLE 97

CHTHYOCOCCUS OVATUS
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
16									0.5	
17							0.3			
18										
19										
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30						0.3				
31										
32										
33										
34										
35										
36										
37										
38										
39						0.3				
0. / HOUR	0.0	0.0	0.0	0.0	0.0	0.7	0.3	0.0	0.5	0.0
0. HOURS	2.0	6.0	2.0	6.0	2.0	3.0	3.0	3.0	2.0	3.0
0. SPEC.	0	0	0	0	0	2	1	0	1	0
0. SAMPLES	2	6	2	6	2	3	3	3	2	2

TABLE 98

ICHTHYOCOCCUS OVATUS
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								0.7		
13										
14								0.3		
15										
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

MAURICUS MUELLERI

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
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

LE 100

UROLICUS MUELLERI

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

TH	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.	
RF	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	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	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 101

UROLICUS MUELLERI
NIGHT

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

DEPTH (M)	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										
32				1.0						
0. / HOUR	0.0	0.0	0.5	2.0	0.0	0.0	0.0	0.0	0.0	0.0
0. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
0. SPEC.	0	0	1	2	0	0	0	0	0	0
0. SAMPLES	24	3	1	1	3	3	2	1	3	3

TABLE 102

INCIGUERRIA ATTENUATA

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
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									
33				1					1
TOTALS	10	21	2	1		1	0	0	36

TABLE 103

INCIGUERRIA ATTENUATA

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
11		1							1
12		2							2
13	1	5							6
14	5	15	1			3			28
15	21	24	5			2			52
16	11	14	10			5			40
17	6	3	20			13		4	46
18	2		5			5		2	23
19			3			7		1	11
20			2			7		1	10
21			3			3			6
22			1			1			2
23									
24			2			2			4
25			1						1
26			2						2
27									
28									
29			2				3		5
30							1	1	2
31			1						1
32			1	1			2		4
33				1			1		2
34									
35									
36				1					1
TOTALS	45	65	63	3	0	50	7	13	260

ELE 104		NCIGUERRIA ATTENUATA							
		NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 3							
DEPTH	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
0	1	4							5
1	1	1							2
2	6	8							14
3	4	13							17
4	5	15							20
5	17	16							33
6	16	11							27
7	5	10				1			15
8		7				1			8
9		5				1			6
10		1							1
11			1						1
12			2						2
13		1				1			2
14									
15									
16									
17									
18				1			3		4
19									
20									
21				1			1		2
22									
TOTALS	59	94	3	2	0	4	4	0	166

ELE 105		NCIGUERRIA ATTENUATA							
		NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 4							
DEPTH	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
3		1							1
4		4							4
5		2							2
6									
7		2							2
8			1						1
9			3			1			4
TOTALS	0	9	4	0	0	1	0	0	14

ELE 106		NCIGUERRIA ATTENUATA							
		NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 5							
DEPTH	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
1		1							1
2									
3		8							8
4	1	8							9
5		5							5
6		3							3
7		1							1
8		2							2
9		1				2			3
10									
11						1			1
12						1			1
13						1			1
14									
15			1						1
16									
17			1						1
18			1						1
TOTALS	1	29	3	0	0	5	0	0	38

TABLE 107

VINCIGUERRIA 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	3.0	0.0	0.0	0.0	0.0	3	0	3.0	0.3	0.0	0.0	0.0	3	1
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	1	3.0	0.0	0.3	0.7	0.3	3	4
275														
300														
325														
350														
375	3.0	0.0	0.3	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	0.0	0.0	0.0	0.0	2	10							
525														
550														
575														
600														
625														
650														
675														
700	1.0	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	2.0	0.0	0.0	0.0	0.0	3	0							
975														
1000														

TABLE 108

VINCIGUERRIA 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	0.5	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	3.0	0.3	3.0	0.7	0.7	3	14	2.1	0.5	5.0	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

VINCIGUERRIA ATTENUATA

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 JUVENILE	PER HOUR SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.		TOTAL HOURS	POSTLARVA	NUMBER JUVENILE	PER HOUR SUBADULT	ADULT	NUMBER OF 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														
100	6.0	2.5	0.2	0.2	0.0	6	17	1.0	0.0	0.0	2.0	0.0	1	2
125														
150	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.3	1.0	1.0	3	7
175														
200	6.0	0.0	0.0	0.0	0.0	6	0	2.0	0.0	1.0	1.0	0.0	2	4
225														
250														
275														
300	2.0	0.0	4.0	0.5	0.0	2	9	3.0	0.0	7.0	1.7	0.3	3	27
325														
350														
375														
400	3.0	0.0	4.0	1.7	0.3	3	18	3.1	0.0	2.0	1.0	0.0	3	6
425														
450														
475														
500	3.0	0.0	4.0	0.7	0.3	3	16	3.0	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							

BL E 110

NC IGUERKIA ATTENUATA

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

[illegible]

INCIGUERRIA ATTENUATA

DEPTH M	DAY							NIGHT						
	TOTAL HOURS	POSTLARVA	NUMBER JUVENILE	PER HOUR SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.		TOTAL HOURS	POSTLARVA	NUMBER JUVENILE	PER HOUR SUBADULT	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														
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														

CIGUERRIA ATTENUATA

	DEPTHS SAMPLED (M)					
	150	235	375	500	700	940
		0.5	0.3	2.5 2.0 0.5		
			0.3			
HOUR	0.0	0.5	0.7	5.0	0.0	0.0
HOURS	3.0	2.0	3.0	2.0	3.0	3.0
SPEC.	0	1	2	10	0	0
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	6.0	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								
20							0.3	
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		0.3	
15			6.5		0.3	1.7	1.5	1.0		
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										
24						1.3				
25				1.0						
26					0.3					
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			
15						0.3			0.7	
16		1.8		0.3	1.0	0.3	0.3	1.3	1.0	
17		0.9			1.0	0.3	0.3	0.3	1.3	
18		2.8					0.7	0.3		
19			1.0	1.0		0.3				
20						0.7				
21										
22			1.0			0.3				
23										
24						0.3	0.3			
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	6.0	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 POWERIAE

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
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	3	2							1
19						1			4
20						2			4
21			2						2
22			1	1					1
23			1						1
24			1						1
25				1					1
26									
27									
28							2		2
29				1					1
30									
TOTALS	25	24	5	3	0	7	2	0	76

TABLE 121

VINCIGUERRIA POWERIAE

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
14		5							5
15		5							5
16									
17									
18						1			1
TOTALS	0	10	0	0	0	1	0	0	11

TABLE 122

VINCIGUERRIA POWERIAE

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		3							3
14	1	2							3
15	1	5							6
16		1	1						2
17			1			3		1	5
18						1		1	2
19									
20			1			1			2
TOTALS	2	11	3	0	0	5	0	2	23

INCIGUERRIA 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	NUMBER POSTLARVA	PER JUVENILE	HOUR SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.		TOTAL HOURS	NUMBER POSTLARVA	PER JUVENILE	HOUR 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	0.9	0.0	9.2	1.8	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	0	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	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														
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	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							

INCIGUERKIA POWERIAE

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

[illegible]

TABLE 125

ENCIGUERRIA 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		TOTAL HOURS	POSTLARVA	NUMBER PER HOUR		ADULT	NUMBER OF	
			JUVENILE	SUBADULT		SAMP.-INDIV.				JUVENILE	SUBADULT		SAMP.-INDIV.	
URF								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	7.0	0.0	0.0	1	7
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	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	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								1.0	1.0	0.0	0.0	0.0	1	1
425	1.0	0.0	0.0	0.0	0.0	1	0							
450														
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
525														
550														
575														
600														
625														
650														
675														
700														
725	2.0	0.0	0.0	0.0	0.0	2	0							
750														
775														
800														
825														
850														
875														
900														
925														
950														
975														
1000														

TABLE 126

ENCIGUERRIA POWERIAE

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

	DEPTHS SAMPLED (M)									
	50	100	150	200	300	400	500	600	750	1000
		0.2					0.3			
		0.2					0.3			
							2.3			
		0.2					1.0			
		0.2					0.7			
				0.2						
HOUR	0.0	0.7	0.0	0.2	0.0	0.0	4.7	0.0	0.0	0.0
HOURS	2.0	6.0	2.0	6.0	2.0	3.0	3.0	3.0	2.0	3.0
SPEC.	0	4	0	1	0	0	14	0	0	0
SAMPLES	2	6	2	6	2	3	3	3	2	2

TABLE 127

INCIGUERRIA POWERIAE
DAY
NUMBER 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

INCIGUERRIA POWERIAE
DAY
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)					
	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

INCIGUERRIA POWERIAE
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
9					0.5					
10										
11										
12										
13						0.3				
14		0.9				0.3			0.7	
15									0.7	
16									0.7	
17										
18										
19		0.9								
20		2.8								
21		2.8								
22		1.8								
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	3.1	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 POWERIAE
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	7.8	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 131

ARGYROPELEUS HIMICYNUS

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 1

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGE MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
5	1								1
6	2								2
7	6								10
8	5	2							11
10									
11		1	1						2
12			1						1
13						1			1
14									
15									
16			1			2			3
17			1			2			3
18						1		1	2
19									
20				3			6		9
21				1			6		7
22				1			15	1	17
23				6			5		11
24				3			4	1	8
25				6			2		8
26				4					4
27				3			1		4
28				2					2
29				1					1
TOTALS	20	5	4	32		6	41	3	111

TABLE 132

ARGYROPELEUS HIMICYNUS

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
7	8								8
8	26	1							27
9	7	2				1			10
10		2							2
11		3							3
12			2			1			3
13									
14									
15								1	1
16									
17									
18									
19							1		1
20							1		1
21							1		1
22				3			1		4
23				1			3		4
24				4			6		10
25				7			5		12
26				3			2		5
27				4					4
28				1					1
29				1			1		2
30									
31				1					1
32									
33									
34									
35									
36									
37									
38									
39							1		1
TOTALS	41	6	2	25		2	26	1	105

TABLE 133

ARGYROPELECCUS FEMIGYNUS

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
6	1								1
7	7								7
8	5								5
9	1	5							6
10		6							6
11		7							7
12		1							1
13		3							3
14									
15						1			1
16			2						2
17			1			2			3
18									
19			2						2
20			1				3		4
21			1				2		3
22							2		2
23							1		1
24			1				5		6
25				1			5		6
26				3			2		5
27				2			1		3
28				3			3		6
29				1			2		3
30									
31							1		1
32							4		4
TOTALS	14	22	8	1		4	40		96

TABLE 134

ARGYROPELECCUS FEMIGYNUS

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
7	1								1
8									
9									
10									
11									
12									
13		1							1
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26								1	1
27				1					1
TOTALS	1	1	0	1		0	0	1	4

TABLE 135

ARGYROPELECCUS FEMIGYNUS

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
6	4								4
7	4	3							7
8		13							13
9		6							6
10		3							3
11									
12									
13		1							1
14									
15									
16						1			1
17			2						2
18									
19									
20									
21									
22							1		1
23									
24				1					1
25							1		1
26							1		1
27							1		1
28							2		2
29									
30							2		2
31									
32									
33				1					1
34							1		1
35				1					1
36									
TOTALS	8	26	2	3		1	5		45

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

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.	
2.0	0.0	0.0	0.0	0.0	2	0	11.9	0.0	0.0	0.0	0.1	24	1
							1.5	0.0	0.0	0.0	0.0	3	0
							2.0	0.0	0.0	0.0	0.0	1	0
2.0	0.0	0.0	0.0	0.0	2	0	1.0	0.0	0.0	0.0	0.0	1	0
1.0	0.0	0.0	1.0	0.0	1	1	3.0	0.0	0.0	0.0	0.0	3	0
2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	1.3	3	4
2.0	0.0	3.5	0.0	0.0	2	8							
3.0	2.7	0.0	0.7	6.0	3	28	2.1	8.8	0.5	0.5	7.8	2	36
							1.0	0.0	0.0	0.0	0.0	1	0
2.0	0.5	0.0	0.0	0.0	1	1	3.0	0.0	0.0	0.0	0.0	3	0
1.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.7	3	2

ARGYROPELECUS HEMIGYMNUS

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 JUVENILE	PER HOUR	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.	TOTAL HOURS	POSTLARVA	NUMBER JUVENILE	PER HOUR	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.	
SURF								29.0	0.0	0.0	0.0	0.0	0.0	58	0
25															
50	2.0	0.0	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	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	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	0.0	6	0	2.0	0.0	0.0	0.0	0.0	2	1
225															
250															
275															
300	2.0	0.0	0.0	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	0.3	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								

139

CYRIPHECUS HEMIGYMNUS

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

[illegible]

TABLE 140

ARGYROPELECUS HEMIGYMNUS

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 HEMIGYMNUS

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

DEPTH M	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			
0. HOUR	0.3	0.0	12.3	3.0	0.7	0.0
0. HOURS	3.0	2.0	3.0	2.0	3.0	3.0
0. SPEC.	1	0	37	6	2	0
0. SAMPLES	3	2	3	2	3	3

TABLE 142

ARGYROPELECUS HEMIGYMNUS
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
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
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
6						0.3				
7						0.3	0.3			
8										
9										
10								0.3		
11					0.5			0.3		
12										
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
DAY NUMBER 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								
7							1.7	
8							1.3	
9								
10								
11						0.3		
12							0.3	
13								
14								
15								
16						0.3		
17						0.7	0.3	
18								
19								
20						1.7		
21						1.0		
22						2.0		
23			1.0			1.0	1.0	
24						1.0		0.3
25					2.0	0.3	0.7	
26						0.3	0.7	
27				0.3		0.3	0.3	
28							0.3	
NO./HOUR	0.0	0.0	1.0	0.3	2.0	9.0	7.0	0.3
NO. HOURS	1.1	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			0.3
26							1.0			
27										
28										
29							0.5			
30										
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	9	0
NO. SAMPLES	58	1	1	3	2	3	3	3	3	3

TABLE 149

ARGYROPELECUS HEMIGYMNUS
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
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								1.0	
24							1.0		
25									1.0
26							1.0		
27									
28									
29									
30									
31									
32									
33					1.0				
34								1.0	
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

THEOPHILUS NIGERRIMUS

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
1				1					1
TOTALS	0	0	0	1	0	0	0	0	1

TABLE 151

THEOPHILUS NIGERRIMUS

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
68				1					1
TOTALS	0	0	0	1	0	0	0	0	1

TABLE 152

BATHOPHILUS 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	11.9	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	0.5	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

BATHOPHILUS 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	6.0	0.0	0.0	0.0	0.0	6	0							
125								3.0	0.0	0.0	0.0	0.0	3	0
150	2.0	0.0	0.0	0.0	0.0	2	0							
175								2.0	0.0	0.0	0.0	0.0	2	0
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	0.3	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 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 156

SIZE MM	POSTLARVAE	JUVENILES	IMMATURE FEMALES	ADULT FEMALES	IMMATURE MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
22		1							1
23									
24									
25									
26									
27									
28		2							2
29									
30		1							1
31									
32									
33									
34									
35									
36									
37									
38									
39									
40		1							1
41									
42									
43									
44									
45		1							1
46									
47									
48									
49									
50		4							4
51									
52		4							4
53									
54		1							1
55									
56									
57									
58									
59									
60		2							2
61		1							1
62									
63									
64									
65		1							1
66		1							1
67									
68									
69		1							1
70		1							1
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
117								1	1
118									
119									
120								1	1
TOTALS		25						2	31

157

EGA ECA

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 2

[illegible]

TABLE 158

[illegible]

TABLE 159

DEPTH	SPCIES	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	CRUSTACEA MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
48			1							1
49										
50										
51										
52										
53										
54										
55										
56			1							1
57										
58			1							1
89				1						1
90									2	2
TOTALS		C	2	1	C	C	C	C	2	6

TABLE 160

STOMIAS BOA BOA

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	1.0	0.0	0.0	1	1
100														
125														
150	3.0	0.0	1.0	0.3	0.0	3	4	3.0	0.0	0.3	0.0	0.0	3	1
175														
200								1.0	0.0	3.0	0.0	0.0	1	3
225														
250	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.3	0.0	0.0	3	1
275														
300														
325														
350														
375	3.0	0.0	1.3	0.0	0.0	3	4							
400								3.0	0.0	0.0	0.0	0.0	3	0
425														
450														
475														
500	2.0	0.0	0.5	0.0	0.0	2	1							
525														
550														
575														
600														
625														
650														
675														
700	3.0	0.0	1.7	0.3	0.0	3	6	3.0	0.0	1.0	0.0	0.0	3	3
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 161

STOMIAS BOA BOA

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	2.0	0.0	0.0	3	3
50								2.0	0.0	4.5	0.0	0.0	1	9
75														
100	2.0	0.0	2.5	0.0	0.0	2	5	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	0.3	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	0.5	0.0	0.0	2	1
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

OMIAS BOA BOA

PTH M	DAY							NIGHT						
	TOTAL HOURS	NUMBER POSTLARVA	PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.		TOTAL HOURS	NUMBER POSTLARVA	PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.	
URF								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	0.2	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														
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	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														
000	3.0	0.0	0.7	0.0	0.0	2	2							

DNIAS BOA BOA

TIME	DAY						NIGHT							
	TOTAL HOURS	POSTLARVA	NUMBER JUVENILE	PER HOUR SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.	TOTAL HOURS	POSTLARVA	NUMBER JUVENILE	PER HOUR SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.		
JRF							7.8	0.0	0.0	0.0	0.0	15	0	
25							1.0	0.0	0.0	2.0	0.0	1	2	
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	1.0	0.0	1.0	0.0	0.0	1	1
150							1.0	0.0	0.0	0.0	0.0	1	0	
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							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	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	
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	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	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	
450	1.0	0.0	0.0	0.0	0.0	1	0	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	2.0	0.0	0.0	0.0	0.0	2	0	1.0	0.0	0.0	0.0	0.0	1	0
675							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	

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	DEPTHS 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						
52			0.3		0.3	
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						
80					0.3	
81					0.3	
82						
83						
84						
85	0.3					
117						
118					0.3	
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				0.3		
50		0.2						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										
109										
110									0.5	
111										
112										
113										
114										
115										
116										
117										
118										
119										
120									0.5	
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 BOA BOA
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					
31								
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								0.3
70								
82					1.0			
83								
84								
85								
86					1.0			
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	3.0	3.0	3.0
NO. SPEC.	0	0	1	1	3	1	0	3
NO. SAMPLES	2	1	1	3	1	3	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							0.5			
45										
46										
47			0.5							
48										
49					0.3					
50										
51			1.0							
52										
53										
54										
55			0.5							
56		0.5								
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

TABLE 170

STOMIAS BOA BOA
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
40										0.3
41										
42										
43										
44										
45										0.3
46										
47										
48										
49										
50										
51										0.3
61					0.5					
62			1.0			0.3				
63										
64										
65										
66										
67										
68										
69										
70						0.3				
79			1.0							
96										0.3
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	3

TABLE 171

STOMIAS BOA BOA
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	250	325	425	510	
56									
57					1.0				
58									
89							1.0		
90		1.0							
		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	1

TABLE 172

CHAULIICUS SEDANI

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 1

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	ADULT MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
36		1							1
61		1							1
86						1			1
87									
88									
89									
90									
91									
92								1	1
93									
169				1					1
170									
171									
172									
173									
174									
175									
176									
177									
178									
179									
180									
181									
182									
183									
184									
185									
186									
187									
188									
189									
190							1		1
TOTALS	0	2	0	1	0	1	1	1	5

BLE 173

AULIODUS SLEANI

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 2

DEPTH M	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
8		1							1
9		1							1
0									
1		2							2
2									
3									
4									
5		1							1
6		1							1
7		1							1
8		1							1
9									
0									
1									
2		1							1
3		1							1
4									
5									
6		2							2
7		2							2
8									
9									
0									
1									
2									
3									
4									
5									
6		1							1
7									
8			1						1
9									
TOTALS	0	15	1	0	0	0	0	0	16

BLE 174

AULIODUS SLEANI

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 3

DEPTH M	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
6		2							2
7		2							2
8		1							1
9		2							2
0		1							1
1		3							3
2		1							1
3		3							3
4		3							3
5									
6		4							4
7		2							2
8		1							1
9		2							2
0		4							4
1									
2									
3		2							2
4		1							1
5		3							3
6		2							2
7		1							1
8									
9									
0		1							1
1									
2									
3		3							3
4									
5		1							1
6									
7									
8									
9									
0		1							1
1						1			1
TOTALS	0	46	0	0	0	1	0	0	47

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		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	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	0.0	0.0	0.0	0.0	2	0							
325														
350														
375														
400	3.0	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	0.0	0.0	0.5	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 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		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														
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	4
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	3.0	0.0	0.0	0.0	0.0	2	0							

MULIODUS SLOANI

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

DEPTH	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.	
000														
025														
050														
075														
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														

MULIODUS SLOANI

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

DEPTH	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.	
000								7.8	0.0	0.0	0.0	0.0	15	0
025								1.0	0.0	0.0	0.0	0.0	1	0
050								1.0	0.0	1.0	0.0	0.0	1	1
075								1.0	0.0	2.0	0.0	0.0	1	2
100	1.0	0.0	0.0	0.0	0.0	1	0	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								1.0	0.0	1.0	0.0	0.0	1	1
225								1.0	0.0	1.0	0.0	0.0	1	1
250								1.0	0.0	1.0	0.0	0.0	1	1
275								1.0	0.0	1.0	0.0	0.0	1	1
300								1.0	0.0	1.0	0.0	0.0	1	1
325								1.0	0.0	1.0	0.0	0.0	1	1
350								1.0	0.0	1.0	0.0	0.0	1	1
375								1.0	0.0	1.0	0.0	0.0	1	1
400								1.0	0.0	1.0	0.0	0.0	1	1
425								1.0	0.0	1.0	0.0	0.0	1	1
450								1.0	0.0	1.0	0.0	0.0	1	1
475								1.0	0.0	1.0	0.0	0.0	1	1
500								1.0	0.0	1.0	0.0	0.0	1	1
525								1.0	0.0	1.0	0.0	0.0	1	1
550								1.0	0.0	1.0	0.0	0.0	1	1
575								1.0	0.0	1.0	0.0	0.0	1	1
600								1.0	0.0	1.0	0.0	0.0	1	1
625								1.0	0.0	1.0	0.0	0.0	1	1
650								1.0	0.0	1.0	0.0	0.0	1	1
675								1.0	0.0	1.0	0.0	0.0	1	1
700								1.0	0.0	1.0	0.0	0.0	1	1
725								1.0	0.0	1.0	0.0	0.0	1	1
750								1.0	0.0	1.0	0.0	0.0	1	1
775								1.0	0.0	1.0	0.0	0.0	1	1
800								1.0	0.0	1.0	0.0	0.0	1	1
825								1.0	0.0	1.0	0.0	0.0	1	1
850								1.0	0.0	1.0	0.0	0.0	1	1
875								1.0	0.0	1.0	0.0	0.0	1	1
900								1.0	0.0	1.0	0.0	0.0	1	1
925								1.0	0.0	1.0	0.0	0.0	1	1
950								1.0	0.0	1.0	0.0	0.0	1	1
975								1.0	0.0	1.0	0.0	0.0	1	1
1000								1.0	0.0	1.0	0.0	0.0	1	1

TABLE 182

CHAULIODUS SLOANI
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					0.3	
61					0.3	
186						
187						
188						
189						
190						0.3
AL./HOUR	0.0	0.0	0.0	0.0	0.7	0.3
NO. HOURS	3.0	2.0	3.0	2.0	3.0	3.0
NO. SPEC.	0	0	0	0	2	1
NO. SAMPLES	3	2	3	2	3	3

TABLE 183

CHAULIODUS SLOANI
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
39		0.5						
40								
41		0.5						
42								
43								
44								
45								
46								
47								
48								
49								
50								
51								
52								
53						0.3		
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

CHAULIODUS SLOANI
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										
28							0.3			
29									0.5	
30								0.3		
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							0.3	0.7		
41										
42										
43							0.3			
44									0.5	
45			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	3	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
169								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

LE 188

ULIODUS SLOANI
IGHT

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

E	DEPTHS SAMPLED (M)									
	SURF	12	45	100	150	200	400	600	800	1000
			0.5							
			0.5							
								1.0		
			0.5							
/HOUR	0.0	0.0	1.5	0.0	0.0	0.0	0.0	1.0	0.0	0.0
HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
SPEC.	0	0	3	0	0	0	0	1	0	0
SAMPLES	24	3	1	1	3	3	2	1	3	3

LE 189

ULIODUS SLOANI
IGHT

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

E	DEPTHS SAMPLED (M)									
	SURF	50	100	150	200	300	400	500	600	750
								0.3	0.3	
			1.0							
			1.0					0.3		
								0.3		
								0.3		
			1.0							
								0.3	0.3	
								0.3	0.3	
									0.3	
HOUR	0.0	0.0	3.0	0.0	0.0	0.0	0.0	2.0	1.3	0.0
HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
SPEC.	0	0	3	0	0	0	0	6	4	0
SAMPLES	58	1	1	3	2	3	3	3	3	3

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	125	190	290	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									
40				1.0					
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 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
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

LESTIDIOPS JAYAKARI

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
15	1								1
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									
29									
30	2								2
31									
32									
33									
34									
35	1								1
36									
37									
38	1								1
39									
40	1								1
41									
42	1								1
43									
44	1								1
45									
46									
47	1								1
48									
49	1								1
50									
51									
52	1								1
53									
54									
55									
56	1								1
57									
58									
59									
60	1								1
61									
62									
63									
64									
65									
66									
67									
68									
69	1								1
TOTALS	14	0	0	0	0	0	0	0	14

1000

TABLE 193

LESTIDIOPS JAYAKARI

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
35	1								1
36									
37									
38									
39									
40									
41									
42									
43									
44									
45	1								1
TOTALS	2	0	0	0	0	0	0	0	2

TABLE 194

STIDIOPS 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 JUVENILE	NUMBER PER HOUR SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.		TOTAL HOURS	POSTLARVA	NUMBER PER 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	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

STIDIOPS JAYAKARI

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 JUVENILE	NUMBER PER HOUR SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.		TOTAL HOURS	POSTLARVA	NUMBER PER JUVENILE	NUMBER PER HOUR 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														
775														
800	2.0	0.5	0.0	0.0	0.0	2	1	3.0	0.0	0.0	0.0	0.0	3	0
825														
850														
875														
900														
925														
950														
975														
1000	3.0	0.0	0.0	0.0	0.0	2	0							

TABLE 196

ESTIDIOPS JAYAKARI

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	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

ESTIDIOPS JAYAKARI
DAY

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

DEPTH 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					0.5			
38								
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

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									0.5	
60										
Q./HOUR	0.0	0.0	0.5	0.2	1.0	0.0	0.0	0.0	0.5	0.0
Q. HOURS	2.0	6.0	2.0	6.0	2.0	3.0	3.0	3.0	2.0	3.0
Q. SPEC.	0	0	1	1	2	0	0	0	1	0
Q. 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								
Q./HOUR	0.0	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Q. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
Q. SPEC.	0	10	0	0	0	0	0	0	0	0
Q. SAMPLES	24	3	1	1	3	3	2	1	3	3

TABLE 200

LESTIDIOPS JAYAKARI
NIGHTNUMBER 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)								
	SURF	50	80	135	155	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	7.8	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 201

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 202

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 SPHYRENOIDES

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
ES	1								1
TOTALS	1	0	0	0	0	0	0	0	1

TABLE 204

LESTIDIOPS SPHYRENOIDES

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	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														
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 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	NUMBER PER HOUR				NUMBER OF		TOTAL HOURS	NUMBER PER HOUR				NUMBER OF	
		POSTLARVA	JUVENILE	SUBADULT	ADULT	SAMP.-INDIV.			POSTLARVA	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	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

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
36		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

NCTOLEPIS RISSCI

TABLE 211

ACTULPIS FISSCI

TABLE 212

NCTCLEPIS RISSCI

[illegible]

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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							1
25									
26									
27									
28						1			1
TOTALS	1	0	0	0	0	1	0	0	2

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	NUMBER POSTLARVA	PER HOUR JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.		TOTAL HOURS	NUMBER POSTLARVA	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	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	0.0	0.0	0.0	2	0							
500														
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	3.0	0.0	0.0	0.0	0.0	3	0							
975														
1000														

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			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	0.5	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	3.0	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	3.0	0.3	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	7.5	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	0	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			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	0.3	0.0	0.0	0.0	6	2	1.0	3.0	0.0	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	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	0.5	0.0	0.0	0.0	2	1	3.0	1.0	0.0	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	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	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	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	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

NOTOLEPIS RISSOI

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 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								7.8	0.0	0.0	0.0	0.0	15	0
25														
50								1.0	1.0	0.0	0.0	0.0	1	1
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	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	1.0	0.0	1	1							
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 218

NOTOLEPIS 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
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	800	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		0.3		
24						0.3				
25							0.3			
26									0.5	
27										
28									0.5	
29										
30									1.5	
31						0.3				
32									1.0	
33									0.5	
34										
123									0.5	
124								0.3		
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	20.0	0.7	0.3	0.0	1.0	1.7	0.3
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	1	4	20	2	1	0	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	DEPTHS SAMPLED (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			0.3	
25										
26										
27									0.3	
28										
29						0.3				0.3
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	DEPTHS 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	7.8	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. COREGONOIDES

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. COREGONOIDES		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	
16	2								2
17	5								5
18	4								4
19	7								7
20	7								7
21	6								6
22	2								2
23	3								3
24	3								3
25	5								5
26	2								2
27	1								1
28	2								2
29									
30	2								2
31	1								1
32	2								2
33									
34	1								1
35									
36	1								1
37									
38									
39	2								2
TOTALS	58	0	0	0	0	0	0	0	58

TABLE 228

PARALEPIS C. COREGONOIDES		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	
16	3								3
17	13								13
18	2								2
19	2								2
20	4								4
21	3								3
22	4								4
23	3								3
24	2								2
25	3								3
26	2								2
27	1								1
28	2								2
29	2								2
30									
31									
32	2								2
33	1								1
TOTALS	45	0	0	0	0	0	0	0	45

TABLE 229

PARALEPIS C. COREGONOIDES		NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 5							TOTALS
SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	
153			1						1
TOTALS	0	0	1	0	0	0	0	0	1

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 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														
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	0.5	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 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	2.0	0.0	0.0	0.0	0.0	2	0	11.9	0.0	0.0	0.0	0.0	24	0
50								1.5	0.9	0.0	0.0	0.0	3	1
75								2.0	0.0	0.0	0.0	0.0	1	0
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	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	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

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 JUVENILE	PER SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.		TOTAL HOURS	POSTLARVA	NUMBER JUVENILE	PER 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	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								1.0	0.0	0.0	1.0	0.0	1	1
275														
300	1.0	0.0	0.0	0.0	0.0	1	0	1.0	0.0	0.0	0.0	0.0	1	0
325														
350														
375														
400	1.0	0.0	0.0	0.0	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 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 (M)									
	50	100	150	200	300	400	500	600	750	1000
16								0.3		
17										
18		0.2							0.5	1.2
19		0.2								
20			0.5							
21										1.2
22										0.7
23										1.0
24										0.7
25										0.2
26										0.7
27										0.2
28			0.5							0.5
29										0.5
30										
31										0.2
32										0.2
33										
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 (M)							
	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 (M)									
	SURF	12	45	100	150	200	400	600	800	1000
17										
18		0.9		1.0				1.0	0.7	
19									0.3	
20									1.0	
21									0.7	
22									0.3	
23										
24										0.7
25										0.3
26										
27										0.3
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	2.3
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	1	0	1	0	0	0	1	11	7
NO. SAMPLES	24	3	1	1	3	3	2	1	3	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										
32										0.3
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	58	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	3

TABLE 242

EVERMANNELLA BALBO

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
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	0	1

TABLE 244

EVERMANNELLA BALBO

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
44		1							1
TOTALS	0	1	0	0	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		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														
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	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 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	3.0	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

EVERMANWELLA BALBO
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						0.3				
07							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 RISSOI

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
7	1								1
8		2							2
9		2							2
10	1	2							3
11		1							1
12						1			1
13									
14									
15								1	1
16									
TOTALS	2	5	0	0	0	1	0	1	12

TABLE 250

ELECTRONA RISSOI

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
9	1	1							2
10		4						1	5
11		1				1			2
12						1			1
13									
14									
15						1			1
16			2						2
17							1		1
40									
TOTALS	1	6	2	0	0	2	1	1	14

ELECTRONA RISSOI

TOTALS	2	3	4	3	1	3	0	"	15
--------	---	---	---	---	---	---	---	---	----

ELECTRUNA RISSO I

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	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	0.3	0.0	0.0	0.0	3	1	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	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	0.3	2.0	0.0	0.0	3	7	3.0	0.0	1.0	0.0	0.0	3	3
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 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	3	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										
17						0.3				
40						0.7				
							0.5			
NO./HOUR	0.0	0.0	0.0	0.0	0.3	4.0	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	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										
18					0.5					
19										
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31					0.5					
32										
33							0.3			
34										
35										
36										
37										
38										
39										
40										
41										
42										
43										
44										
45										
46										
47										
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 260

HYGOPHUM HYGOMI

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									
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	1	2	0	1	0	0	4	0	8

HYGOPHUM HYGOMI

TABLE 262TABLE 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
37							1		1
38									
39									
40									
41									
42									
43							1		1
TOTALS	0	0	0	0	0	0	2	0	2

HYGOPHUM HYGOMI

SIZE MM	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							1		1
45							1		1
46									
TOTALS	0	3	0	0	0	0	5	0	8

HYGOPHUM HYGOMI

DEPTH M	DAY							NIGHT						
	TOTAL HOURS	NUMBER POSTLARVA	PER JUVENILE	HOUR SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.		TOTAL HOURS	NUMBER POSTLARVA	PER JUVENILE	HOUR 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	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														

HY GO PHUM HY GOM I

DEPTH M	DAY							NIGHT						
	TOTAL HOURS	POSTLARVA	NUMBER JUVENILE	PER HOUR SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.		TOTAL HOURS	POSTLARVA	NUMBER JUVENILE	PER HOUR SUBADULT	ADULT	NUMBER OF 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							

HY G O P H U M H Y G O M I

[illegible]

TABLE 268

HYGOPHUM HYGOMI

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		TOTAL HOURS	POSTLARVA	NUMBER PER HOUR		ADULT	NUMBER OF	
			JUVENILE	SUBADULT		SAMP.-INDIV.				JUVENILE	SUBADULT		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 269

HYGOPHUM HYGOMI
DAY

NUMBER 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
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								0.3		
49										
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	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	4	1	0
NO. SAMPLES	2	6	2	6	2	3	3	3	2	2

TABLE 271

HYGOPHUM
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 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)					
	160	250	340	410	495	675
11						0.8
39						0.8
40						0.5
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 273

HYGOPHUM HYGOMI
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			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 1.50 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	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 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	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	7.8	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

APPENDIX 3

Tables 276 - 474

Hygophum benoiti - All Species Combined

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Notoscopelus elongatus	456-465
All Species Combined	466-474

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

HYGOPHUM BENCITI		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	2								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			2			8
18			2			2			4
19		1	1			1			3
20			1			1			2
21		1	2			2			6
22			1			1			2
23			1						1
24			1						1
25									
26									
27									
28									
29						1			1
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				3			4		7
41				1			1		2
42							3		3
43				2			2		4
44				1			2		3
TOTALS	77	105	13	13	0	11	15	0	236

TABLE 277

HYGOPHUM BENCITI		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	
7	2								2
8	5								5
9	12	10							22
10	12	120							132
11		66							66
12		15							15
13		17							17
14		18							18
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									
36							1		1
37									
38									
39							1		1
40									
41									
42									
43									
44				1					1
TOTALS	36	264	1	1	0	0	2	0	304

TABLE 278

YGOCPHUM BENCITI

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 2

DEPTH 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	16	8	1	0	9	0	1	36

TABLE 279

YGOCPHUM BENCITI

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 4

DEPTH MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
12		4							4
13		6							6
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						3			3
22									
23									
24									
25									
26			1			1			2
27									
28			1						1
TOTALS	0	22	6	0	0	10	0	0	38

MYGIPHUM BENEDICTI

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														
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	5.0	4.0	0.0	0.0	3	27
275														
300														
325														
350														
375	3.0	0.0	0.0	0.0	0.0	3	0							
400								3.0	0.3	0.0	0.0	0.0	3	1
425														
450														
475														
500	2.0	0.0	0.5	0.5	0.0	2	2							
525														
550														
575														
600														
625														
650														
675														
700	3.0	0.3	10.3	2.3	0.0	3	54	3.0	4.7	1.0	0.3	0.0	3	18
725														
750														
775														
800														
825														
850														
875														
900														
925														
950	3.0	0.0	12.0	0.0	0.0	3	36							
975														
1000														

TABLE 281

MYGIPHUM BENEDICTI

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	0.5	1	22
100														
125	2.0	1.5	0.0	0.0	0.0	2	3	1.0	1.0	0.0	0.0	0.0	1	1
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	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														
625								1.0	0.0	0.0	0.0	0.0	1	0
650														
675														
700														
725														
750														
775														
800	2.0	0.5	41.5	0.0	0.5	1	85	3.0	0.3	36.6	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	0.3	0.0	3	4

HYGOPHUM BENNETTII

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.		
SURF			JUVENILE	SUBADULT							JUVENILE		SUBADULT		
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	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	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	0.3	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	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	0.3	2.0	0.0	0.0	3	7	
775															
800															
825															
850															
875															
900															
925															
950															
975															
1000	3.0	0.0	0.5	0.2	0.0	2	2								

HYGOPHUM BENOITI

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

[illegible]

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	0.0	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									0.5	
28										0.2
NO./HOUR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	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	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
DAY
NUMBER 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
NIGHT
NUMBER 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
NO. 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 BENOTTI
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					19.6	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 BENOTTI
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								
23						0.3				
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	0.3	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	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
8	1								1
9	5								5
10	4	1							5
11	1	2							4
12		19							19
13		27							27
14		70							70
15		39							39
16		26				1			27
17		41	7			1		1	50
18		41	27			2			70
19		37	41			2			80
20		35	26			4		2	68
21		8	12			5			25
22		1	5			1			7
23		1	1			1			3
24			1						1
25			1			3			4
26			2			2			4
27			6			2			8
28			3			1			4
29			3			1		1	5
30			3			1			4
31			2	4		1			7
32			2				2		4
33			2	1					3
34			2	1			3		6
35			1				2		3
36							1		1
37				1					1
TOTALS	11	261	165	7	0	29	9	4	566

TABLE 292

BENTHOSEMA GLACIALE

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		5							5
13		4							4
14		1				1			2
15		10							10
16		14				1			15
17		14	9			5			28
18		5	14			22			41
19		5	16			15			40
20		4	16			14		1	35
21			6			3		1	10
22			6			4			10
23			1						1
24						1			1
25			1						1
26			1			1			2
27			2			2			4
28			1			1			2
29			2			3			5
30			2			3			5
31			1						1
32			2	1			4		7
33			2	1			4		7
34			2				3		5
35			1				2		3
36				1			1		2
37							1		1
38							1		1
39							2		2
40								1	1
41							1		1
TOTALS	0	70	65	3	0	74	19	3	254

TABLE 293

BENTHOSEMA GLACIALE

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		2							2
18		3							3
19		6	2						10
20		5				1			6
21		1	4			1			6
22		3	2			1			6
23		1	1						2
24									
25									
26									
27									
28			1						1
TOTALS	0	23	10	0	0	3	0	0	36

NTHOSEMA GLACIALE

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 4

SEX	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
1		1				1			2
2			2			2			4
TOTALS	0	1	2	0	0	3	0	0	6

TABLE 295

BENTHOSEMA GLACIALE

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

[illegible]

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	98.9	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														
50	2.0	0.0	0.0	0.0	0.0	2	0	1.1	0.0	7.4	3.7	0.0	1	12
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	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							

NTHOSEMA 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.
0												
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												

E 299

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

	DEPTHS SAMPLED (M)					
	150	235	375	500	700	940
					0.3	
					0.3	
					0.7	
				3.5	2.0	
			0.3	9.5	0.3	
			0.3	18.0	0.3	
				10.0		
				11.5	1.0	
				21.0	0.7	
				27.5	1.0	
				30.0	2.3	
				26.0	3.9	
				6.5	2.6	
				2.5	0.3	
				1.0	0.3	
					0.3	
					0.3	
					0.7	
				1.0	1.0	
					0.7	
					1.0	
					0.7	
					0.7	
					0.3	
					1.3	
					0.3	
HOUR	0.0	0.0	0.7	168.0	24.0	0.0
HOURS	3.0	2.0	3.0	2.0	3.0	3.0
SPEC.	0	0	2	336	73	0
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								
20							0.5	
21		0.5					0.5	
22							1.0	
23								
24								
25							0.5	
26								
27							1.0	
28								
29							0.5	
30							1.0	
31								
32								
33							1.0	
34		0.5					0.5	
35							0.5	
36								
37								
38							0.5	
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	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	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	190	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				
32								0.3
33								0.7
34								0.3
35								1.0
36								0.3
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 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		2.0		
19			14.5	1.0	0.3			1.0		
20			10.0	1.0				1.0		
21			2.5	4.0						
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

BENTHOSEMA 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							0.3	
22		1.8								
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

CYCLOPS PUNCTATUS

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							2
16		1							1
17		2							2
18		4							4
19		14							14
20		5	1			3			13
21		3	3						6
22		1	2			1		1	5
23		3	1			3			7
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	8	38	40	0	0	36	0	4	126

TABLE 307

MYCTOPHUM PUNCTATUM			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		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						3			3	
35			4			3			7	
36						1		1	2	
37			3			2			5	
38			1			1			2	
39			3			1			4	
40			3			1			4	
41			1			2			3	
42						1			1	
43			3			2			5	
44			1			1			2	
45			2						2	
46			1			2			3	
47			2			2			4	
48			4			1			5	
49			4						4	
50			1			3		1	5	
51			3			5			8	
52			3			1			4	
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	0	33	62	0	0	49	0	3	147	

TABLE 308

MYCTOPHUM PUNCTATUM		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
8	1								1
9									
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						3		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			3			1			4
40			3			1			4
41			2			4			6
42			1			1			2
43						1			1
44			1						1
45									
46						1			1
47						1			1
TOTALS	2	10	33	0	0	29	0	6	80

TABLE 309

MYCTOPHID PUNCTATUM

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								1.1	0.0	0.0	0.8	0.0	2	1
25								1.0	0.0	8.0	18.0	0.0	1	26
50								1.0	1.0	1.0	1.0	0.0	1	3
75														
100														
125														
150	3.0	0.0	0.0	0.3	0.0	3	1	3.0	1.7	0.3	0.0	0.0	3	6
175														
200								1.0	0.0	0.0	2.0	0.0	1	2
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	4.0	0.0	1.7	3.3	0.0	3	21	3.0	0.0	1.0	0.3	0.0	3	4
725														
750														
775														
800														
825														
850														
875														
900														
925														
950	3.0	0.0	0.3	0.0	0.0	3	1							
975														
1000														

TABLE 310

MYCTOPHID PUNCTATUM

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	1.5	8.5	0.0	24	116
25								1.5	0.0	0.7	0.7	0.0	3	2
50								2.0	0.0	2.5	3.5	0.0	1	12
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	0.3	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	1.0	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 311
MYCTOPHUM 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 JUVENILE	NUMBER PER HOUR SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.		TOTAL HOURS	POSTLARVA	NUMBER PER JUVENILE	NUMBER PER HOUR SUBADULT	ADULT	NUMBER OF 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
MYCTOPHUM PUNCTATUM
DAY

NUMBER 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 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
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 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
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 315

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				0.3				
11								
12				0.7				
13				0.3				
14			1.0	0.3				
15								
16								
17								
18								
19		2.0		0.3				1.0
20		6.0						
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									
18	0.3		0.5							
19	0.3		0.5							
20	0.2		1.0							
21	0.2	0.7	0.5							
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 319

SYMBOLCPCRUS VERANYI

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
6	1								1
7									
8									
9	4								4
10	3								3
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
75			1						1
76									
77						2			2
78									
79						2			2
80									
81							1		1
82							2		2
83									
84				1					1
96							1		1
97									
98									
99									
100									
101									
102									
103									
104									
105				1					1
106									
107									
108									
109									
110									
111									
112									
113				1					1
114									
TOTALS	15	7	8	3	0	20	4	0	57

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
4	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						1			1
69									
70									
71									
72									
73									
74									
75									
76									
77									
78						1			1
TOTALS	5	3	0	0	0	3	0	0	11

SYMBOLOPHURUS 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 JUVENILE	PER HOUR	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.	TOTAL HOURS	POSTLARVA	NUMBER JUVENILE	PER HOUR	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.
SURF														
25								1.1	0.0	0.0	0.0	0.0	0.0	2
50								1.0	0.0	0.0	0.0	2.0	0.0	1
75								1.0	0.0	0.0	0.0	0.0	0.0	1
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	0.0	3
175														
200								1.0	0.0	0.0	0.0	0.0	0.0	1
225														
250	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	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	0							
400								3.0	0.0	0.0	0.0	0.0	0.0	3
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	3.0	0.0	0.0	0.0	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	0							
975														
1000														

YMOLOPHORUS VERANYI

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 JUVENILE	PER HOUR SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.		TOTAL HOURS	POSTLARVA	NUMBER JUVENILE	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	0.1	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	2.5	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

YMOLOPHORUS VERANYI

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 JUVENILE	PER HOUR SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.		TOTAL HOURS	POSTLARVA	NUMBER JUVENILE	PER HOUR SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.	
SURF								29.0	0.0	0.03	0.0	0.0	58	1
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	0.7	0.0	0.0	0.0	6	4	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	0.0	0.3	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	0.0	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 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

SYBLOPHORUS 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	DEPTHS SAMPLED (M)									
	SURF	12	45	100	150	200	400	600	800	1000
6			0.5							
7										
8			1.0							
9			1.5							
10					0.3					
11					0.3					
12			0.5							
13			1.0							
14			0.5							
22	0.08			1.0						
23										
24										
25		0.7								
26										
27										
28										
29		0.7								
37			0.5							
38										
39										
40										
41										
42			1.0							
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										
114	0.08				0.3					
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

SYMBOLOPHORUS 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									
69				0.3						
70										
71										
72										
73										
74										
75										
76										
77										
78		0.9								
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

TABLE 330

CONICHTHYS COCCI

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
28		1							1
29									
30									
31									
32									
33									
34									
35									
36									
37									
38			1						1
TOTALS	0	1	1	0	0	0	0	0	2

TABLE 331

CONICHTHYS COCCI

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
14		1							1
TOTALS	0	1	0	0	0	0	0	0	1

BLE 332

ICHTHYS COCCO

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 5

DEPTH	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
	1								1
10									10
70									70
56									56
14			21			17			52
3			36			27			66
1			24			28			53
			16			17			33
			7			6			13
			8			4			12
			1			4			4
			1			5			6
			3			1			1
			2			2			4
			1			1			2
			2						2
						1			1
						1			1
						1			1
						1			1
						1			1
			1			1			2
			1						1
			1						1
ALS	1	154	125	0	0	118	0	0	398

BLE 333

NIGHTHYS COCCO

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

DEPTH	DAY							NIGHT						
	TOTAL HOURS	POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.		TOTAL HOURS	POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.	
URF								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							

[illegible]

PTH 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	
URF								7.8	0.0	15.7	26.1	0.0	15	391
25								1.0	0.0	0.0	0.0	0.0	1	0
50								1.0	1.0	0.0	1.0	0.0	1	2
75								1.0	0.0	1.0	0.0	0.0	1	1
100								1.0	0.0	0.0	0.0	0.0	1	0
125														
150														
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	1.0	0.0	2	2							
700														
725														
750														
775														
800														
825														
850														
875														
900														
925														
950														
975														
1000														

TABLE 336

GONICHTHYS COCCO
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 COCCO
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 COCCO
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
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
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

LEBIANCHIA CCFLEINI

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
12		2							3
13		2							2
14		6							6
15		2	2						5
16		1	1						2
17		4	4						6
18		7	2			2			11
19			1			1			2
20		1	5			3			9
21			8			12			20
22			11			9			20
23			6			12			18
24			8			12			20
25			8			21		1	30
26			16			13			29
27			6	4			5		15
28			2	7			10		19
29				6			25		31
30				13			12		25
31				5			5		10
32				8			1		9
33				4			2		6
34				2			2		4
35				2			1		3
36							2		2
37				2					2
38				3			1		4
39									
40									
41				1					1
42									
TOTALS	C	27	80	57	0	85	70	1	320

TABLE 341

LCEIANCHIA DCFLEINI

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 3

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGE MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
11		1							1
12		6							6
13		1							1
14									
15									
16	1	1							2
17						1			1
18						1			1
19						1			1
21						4			4
22						1			1
23			1			2			3
24						4			4
25			1			3			4
26			1			1			2
27			1						1
29				1					1
31				1					1
32				1			2		3
34									
35							1		1
36									
37									
38				1					1
TOTALS	1	5	4	4	1	1	3	0	35

TABLE 342

LCEIANCHIA DCFLEINI

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 3

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

TABLE 343

LELEANCHIA COELEINI

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM NET 4

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

10

TABLE 344

CETANCHIA DOFLERINI

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM JEB 5

12L MM	PESTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGE MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
23						1			1
24						2			2
25									
26							1		1
27									
TOTALS	0	0	0	0		3	1	0	4

TABLE 345

LOBIANCHIA DUFLEINI

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

[illegible]

TABLE 346

LOBIANCHIA DOFLEINI

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	3	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 DOFLEINI

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							

LANCHIA DUFLEINI

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

[illegible]

BIANCHIA DOFLEINI

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM 0-100 M
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

PTH M	DAY							NIGHT						
	TOTAL HOURS	POSTLARVA	NUMBER JUVENILE	PER HOUR SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.		TOTAL HOURS	POSTLARVA	NUMBER JUVENILE	PER HOUR SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.	
URF														
25								7.8	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	1.0	1.0	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	0.0	0.0	0.0	2	0	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
000								1.0	0.0	0.0	0.0	0.0	1	0

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			C.3	2.0		
18			C.7	1.0		
19				0.5		
20			C.3	0.5		
21			1.0	0.5		
22			C.7	0.5		
23			1.0	1.0		
24			C.7	1.5		
25			1.0	2.0		
26			C.3	1.5		
27			C.3	1.0		
28			C.7	1.0		
29			C.3	4.5		
30			C.3	1.0		
31				2.5		
32				0.5		
33			C.7	C.5		
34				0.5		
35				0.5		
36						
37						
38				0.5		
39						
40						
41						
42				0.5		
NO./HOUR	0.0	0.0	8.3	26.5	0.0	0.0
NO. HOURS	3.0	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	3

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	235	400	700
12			1.0					
13			2.0					
14								
15								
16								
17			1.0					
18	1.0		1.0			0.3		
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			7.0	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	2.0	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 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						0.3				
31				0.3						
32										
33			1.0	0.3						
34				0.7						
35				0.3						
36										
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	155	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

CIAPHUS RAFINESQUEI

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
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	3	7	0	4	1	0	20

TABLE 359

CIAPHUS RAFINESQUEI

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
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						3			3
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 360

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
13		1							1
14		1							1
27			1						1
28									
29									
30									
31									
32									
33						1			1
34						1			1
35						1			1
36			3						3
37			1			2			3
38						2			2
39			1			1			2
40						1			1
41									
42			1						1
43									
44									
45			1			1			1
46									1
47									
48									
49									
50									
51									
52									
53							2		2
54				2					2
55				2					3
56				3			1		4
57				3			1		3
58				1					1
59				1					2
60				1			1		2
61				1			1		2
62							1		2
63							2		2
64									
65									
66									
67									
68									
69				3			1		4
70				2					2
71				1					1
72				1					1
73				1					1
74				1					1
75				1					1
76				1					1
77				1					1
78				1					1
TOTALS	0	2	6	23	0	10	5	0	52

TABLE 361

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	3

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 JUVENILE	NUMBER PER HOUR SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.		TOTAL HOURS	POSTLARVA	NUMBER PER 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	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 JUVENILE	NUMBER PER HOUR SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.		TOTAL HOURS	POSTLARVA	NUMBER PER JUVENILE	NUMBER PER HOUR SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.	
SURF								29.0	0.0	0.0	0.0	0.04	58	1
25														
50	2.0	0.0	0.0	0.0	0.0	2	0	1.1	0.0	0.0	3.7	0.0	1	4
75														
100	6.0	0.0	0.0	0.0	0.0	6	0	1.0	0.0	0.0	1.0	0.0	1	1
125														
150	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.3	0.3	3	2
175														
200	6.0	0.0	0.0	0.0	0.0	6	0	2.0	0.0	0.0	0.0	0.5	2	1
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		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	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		ADULT	NUMBER OF		TOTAL HOURS	POSTLARVA	NUMBER PER HOUR		ADULT	NUMBER OF	
			JUVENILE	SUBADULT		SAMP.-INDIV.				JUVENILE	SUBADULT		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	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								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	2.0	1	2
525								1.0	0.0	0.0	0.0	2.0	1	2
550								1.0	0.0	0.0	0.0	2.0	1	2
575								1.0	0.0	0.0	0.0	2.0	1	2
600								1.0	0.0	0.0	0.0	2.0	1	2
625								1.0	0.0	0.0	0.0	2.0	1	2
650								1.0	0.0	0.0	0.0	2.0	1	2
675	2.0	1.0	0.0	0.5	0.0	2	3	1.0	0.0	0.0	0.0	2.0	1	2
700								1.0	0.0	0.0	0.0	2.0	1	2
725								1.0	0.0	0.0	0.0	2.0	1	2
750								1.0	0.0	0.0	0.0	2.0	1	2
775								1.0	0.0	0.0	0.0	2.0	1	2
800								1.0	0.0	0.0	0.0	2.0	1	2
825								1.0	0.0	0.0	0.0	2.0	1	2
850								1.0	0.0	0.0	0.0	2.0	1	2
875								1.0	0.0	0.0	0.0	2.0	1	2
900								1.0	0.0	0.0	0.0	2.0	1	2
925								1.0	0.0	0.0	0.0	2.0	1	2
950								1.0	0.0	0.0	0.0	2.0	1	2
975								1.0	0.0	0.0	0.0	2.0	1	2
1000								1.0	0.0	0.0	0.0	2.0	1	2

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			
43										
54								0.3		
55										
56										
57							0.3	0.7		
58										
59										
60										
61										
62										
63								0.7		
64							0.3			
65										
66										
67										
68										
69										
70								0.3		
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	
41		
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
12						0.3
46						
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
NIGHT RAFINESQUEINUMBER 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
NIGHT RAFINESQUEINUMBER 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		0.9								
34										
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				0.3						
53	0.04									
54						0.3				
55										
56							0.6			
57							0.3			
58						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										
71								0.7		
72										
73										
74							0.3			
75										
76									0.3	
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	155	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

DIAPHUS	FOLTI	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	
9	1								1
10									
11									
12		4							4
13		4							4
14		1							1
28									
29									
30				1			1		2
31									
32									
33									
34				1			4		5
35				7			6		13
36				4			5		9
37				2			2		4
38				5			2		7
39				1			2		3
40				3					3
41							1		1
42				1					1
TOTALS	1	9	0	25	0	0	24	0	59

TABLE 378

DIAPHUS	FOLTI	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	3	1	0	1	0	0	1	0	6

TABLE 379

DIAPHUS	FOLTI	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		2							2
11		6							6
12		2							2
13		2							2
14									
15		1							1
33							1		1
34									
35							1		1
36									
37							1		1
38									
39							1		1
TOTALS	0	16	0	0	0	0	3	0	19

TABLE 380

DIAPHUS	FOLTI	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	
13		1							1
14		1							1
TOTALS	0	2	0	0	0	0	0	0	2

CIAPHUS FOLTI

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 5

TOTALS	C	17	C	C	C	C	C	C	17
--------	---	----	---	---	---	---	---	---	----

DIAPHUS FULTI

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

[illegible]

TABLE 383

DIAPHUS HOLTI

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	NUMBER PER HOUR SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.		TOTAL HOURS	POSTLARVA	NUMBER PER 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	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 HOLTI

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 JUVENILE	NUMBER PER HOUR SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.		TOTAL HOURS	POSTLARVA	NUMBER PER JUVENILE	NUMBER PER HOUR 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							

DIAPHUS HOLTII

[illegible]

DIAPHUS HOLTII

[illegible]

TABLE 387

DIAPHUS HOLTII
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 HOLTII
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 HOLTII
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 HOLTII
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 HOLTII
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 HOLTII
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								
13							0.3	
14						0.3	0.3	
30				0.3				
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 HOLTII
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 HOLT1
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					
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 HOLT1
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

LAMPANYCTUS CROCODYLUS		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
8	2								2
9	1								1
10									
11									
12									
13		1							1
14									
15		1							1
16									
17									
18		1							1
19		2							2
20		2							2
21		13							13
22		13							13
23		13							13
24		16							16
25		7							7
26		2							3
27		1							1
28		1							1
29		1							1
31		1							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									
124									
125			1						1
126									
127									
128									
129									
130									
131									
132						1			1
133									
TOTALS	4	80	1	0	0	1	0	0	86

TABLE 397

LAMPANICTUS CROCODILUS

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
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		7							7
23		10							10
24		7							7
25		2							2
26		2							2
27		2							2
28		2							2
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									
47		1							1
48									
49									
50									
51									
52									
53		1							1
54									
55									
56		1							1
57									
58									
59									
60									
61									
62									
63		1							1
64									
65									
66									
67		1							1
68									
69		2							2
70		1							1
71									
72									
73		1							1
83			1						1
84									
101			1						1
102									
103									
104									
105									
106									
107									
108			1						1
125									
126			1						1
178			1						1
TOTALS	17	56	5	0	0	0	0	0	78

TABLE 398

LAMPANYCTUS CROCOCILUS

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	2								2
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		2							2
28		2							2
29		2							2
30									
31		1							1
32		2							2
33		1							1
34									
35									
36									
37		1							1
38									
39		1							1
40									
41									
42									
43		1							1
44		1							1
45		1							1
46									
47									
79						1			1
81						1			1
124			1						1
125									
126						1			1
127						1			1
128			1			1			1
129									
TOTALS	2	20	2	0	0	4	0	0	26

TABLE 399

LAMPANYCTUS CROCOCILUS

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	0	0	0	1

TABLE 400

LAMPANYCTUS CROCOCILUS

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		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	4.0	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	0.3	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	3.0	0.0	21.8	0.3	0.0	3	67	3.0	0.0	2.0	0.3	0.0	3	7
700														
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		ADULT	NUMBER OF		TOTAL HOURS	POSTLARVA	NUMBER PER HOUR		ADULT	NUMBER OF	
			JUVENILE	SUBADULT		SAMP.-INDIV.				JUVENILE	SUBADULT		SAMP.-INDIV.	
SURF														
25	2.0	0.0	0.0	0.0	0.0	2	0	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	5.0	0.0	0.0	1	21
100	2.0	0.0	1.0	0.0	0.0	2	2	1.0	0.0	3.0	0.0	0.0	1	3
125														
150	1.0	0.0	0.0	0.0	0.0	1	0	3.0	0.3	0.3	0.0	0.0	3	2
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	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	0.6	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
DAY

NUMBER 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	
62						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								
43								1.0
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		0.2								
15			0.5	0.2						
16										
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										0.2
40										
41										
42										
43										
44									0.5	
45										0.2
124									0.5	
125										
126										
127										
128										0.2
NO./HOUR	0.0	0.2	0.5	0.2	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								
19								0.3
20								
21								
22			1.0					
23								
24			1.0					
25			1.0					
26							0.3	0.3
27								
28			1.0					
29								
31								0.3
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								0.3
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

LAMPANYCTUS CROCODILUS
NIGHT

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
9			1.0		0.3					
10			3.0							
11			1.0							
12			0.5							
20			0.5						0.3	
21			0.5							
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									0.3	
48										
49										
50										
51										
52										
53									0.3	
54										
55										
56									0.3	
63									0.3	
64									0.3	
65										
66										
67									0.3	
68										
69									0.3	
70										0.3
71										
72										
73									0.3	
101										
102										0.3
103										
104										
105										
106										
107										
108										0.3
124										
125										
126										0.3
175									0.3	
176										
177										
178										
NO./HOUR	0.0	0.0	10.5	3.0	0.7	0.0	0.0	0.0	2.9	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	0	21	3	2	0	0	0	9	4
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										
45										0.3
46										
47										
48										
49										
50							0.3			
51										0.4
52										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	58	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			3			4			7
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	33	106	0	36	32	0	221

TABLE 411

LAMPANYCTUS PUSILLUS

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	2								2
8									
9									
10									
11									
12									
13		1							1
14		2							2
15		3							3
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
31			1			1			2
32			1	1		2			4
33							3		3
34				1			3		4
35				1			1		2
36				2			1		3
37				1					1
38				1					1
TOTALS	2	11	10	7	0	11	6	0	46

TABLE 412

LAMPANYCTUS PUSILLUS

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
15		2							2
16		12							12
17		5							5
18		13							13
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		3							3
22		2							2
23			3			2			5
24			2			2			4
25			1			1			2
26			1						1
27						2			2
28						1			1
29									
30									
31						1			1
TOTALS	0	14	7	0	0	9	0	0	30

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								1	1
23			1						1
24						1			1
25			1						1
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	0	16	6	4	0	5	0	1	32

TABLE 415

LAMPYNTCTUS 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								1.0	0.0	0.0	0.0	0.0	1	0
75								1.0	0.0	4.0	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							
400								3.0	0.0	0.0	0.0	0.0	3	0
425														
450														
475														
500	2.0	0.0	0.5	0.0	0.0	2	1							
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

LAMPYNTCTUS 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														
625								1.0	0.0	0.0	0.0	1.0	1	1
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

LAMPANYCTUS PUSILLUS

DEPTH M	DAY								NIGHT						
	TOTAL HOURS	POSTLARVA	NUMBER PER JUVENILE	HOUR SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.		TOTAL HOURS	POSTLARVA	NUMBER PER JUVENILE	HOUR 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	0.9	0.0	1	1	
75															
100	6.0	0.0	0.0	0.0	0.0	6	0	1.0	0.0	0.0	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								

LAMPANYCTUS PUSILLUS

[illegible]

LAMPANYCTUS PUSILLUS

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

PTH 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.	
URF								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	8.0	6.0	2.0	1	16
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
DAY

NUMBER 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							0.5	
36								
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										
36									0.5	0.2
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			1.0						
18			1.0				1.0		
19			4.0						
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

CERATOSCOPELUS MACRENSIS

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

CERATOSCOPELUS MADERENSIS

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 2

SIZE MM	PCSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
8	1								1
9									
10	1								1
11	2	1							3
12	1								1
13	1	1							2
14	1	2							3
15	2	8							10
16		15							15
17		40							40
18		48						1	49
19		48						1	49
20		41						1	42
21		28							28
22		24							24
23		17						2	19
24		6							6
25									
26		2							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									
68							1		1
TOTALS	9	285	0	4	0	0	7	5	310

TABLE 431

CEPATOSCOPELUS 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		30							30
20		21							21
21		25							25
22		27							27
23		23							23
24		14							14
25		5							5
26		4							4
27		1				1			2
28		2				1		1	4
29						1		1	2
30			1						1
47				1					1
48									
49				1					1
50				1					1
51									
52									
53									
54									
55									
56									
57							1		1
58									
TOTALS	8	267	1	3	0	3	1	2	285

TABLE 432

CEPATOSCOPELUS 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
18		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		13							13
22		12							12
23		6							6
24		3							3
25		2							2
26		3							3
27		1							1
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									
45							1		1
46									
47									
48									
49				1					1
50				1					1
51									
52									
53									
54									
55									
56				1					1
TOTALS	1	57	2	3	0	1	2	0	63

TABLE 434

ERATOSCOPELUS MADERENSIS

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

[illegible]

TABLE 435

ERATOSCOPELUS 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	93.6	0.0	0.0	3	132
50								2.0	0.5	8.0	0.0	4.5	1	26
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								1.0	0.0	1.0	0.0	0.0	1	1
625														
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

ERATOSCOPELUS 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	58	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	5
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	0.5	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							

[illegible][illegible]

TABLE 439

CERATOSCOPELUS MADERENSIS
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			19.0	
18					8.0	
19				0.5	0.3	
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						0.3
NO./HOUR	0.3	0.5	0.3	1.0	105.0	2.3
NO. HOURS	3.0	2.0	3.0	2.0	3.0	3.0
NO. SPEC.	1	1	1	2	317	7
NO. SAMPLES	3	2	3	2	3	3

TABLE 440

CERATOSCOPELUS MADERENSIS
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 MADERENSIS
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	72.0	3.4
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	1	1	5	0	0	0	4	144	9
NO. SAMPLES	2	6	2	6	2	3	3	3	2	2

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							
39			1.0					
40	1.0			0.3				
41			1.0	0.7				
42				0.7				
43			1.0	0.7				
44			3.0	0.3				
45	0.8		2.0	0.7				
46			1.0					
47	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

GERATOSCOPELUS 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			1.0	0.7	
17		5.6	4.0		0.3					
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							0.3	
44			0.5							
45			0.5							
46										
47					0.3					
48										
49										
50										
51			0.5							
52										
53			1.0							
54										
55										
56										
57										
58			1.0							
59										
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

GERATOSCOPELUS 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									0.3	2.5
17										4.5
18		0.9								1.3
19		0.9								0.3
20										
21			1.0							
22					0.5					
23										
24						0.3				
25										
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

TABLE 446

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

TABLE 447

CERATOSCOPELUS KIDYANI NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 1

SIZE MM	POSTLARVAE	JUVENILES	SEMIADULT FEMALES	ADULT FEMALES	IMMATURE MALES	SUBADULT MALES	ADULT MALES	UNDERSIZED	TOTALS
23		1							1
24		1							1
25		2							2
26		1							1
27		1							1
28						2		1	3
29						1			1
30						1			1
31			1						1
32			1			1		1	3
33			1						1
34									
35									
36									
37									
38									
39			1						1
40						1			1
41							1		1
42									
43			1						1
44				1					1
45									
46									
47									
48									
49									
50			1						1
51						1			1
52			1						1
53						2			2
54							1		1
55				1					1
56							1		1
57									
58									
59									
60				1					1
61									
TOTALS	0	6	2	1	0	2	2	2	13

TABLE 448

NOTSCOPELUS KROYERI

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MBL 2

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
24		1							1
24		1							1
24						1			1
25		1							1
26		1				1			2
27									
28									
35						1			1
40								1	1
41						1			1
42									
43						1			1
44						1			1
45									
46									
47						1			1
48						2			2
49						1			1
50						2			2
50						1			1
51						1			1
TOTALS	0	4	0	0	0	14	0	1	19

TABLE 449

NOTSCOPELUS KROYERI

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MBL 2

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
42			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
81							1		1
96							1		1
TOTALS	0	0	16	0	0	8	2	0	26

TABLE 450

OTUSCEPELUS 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 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	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	0.0	1.0	1	1
100														
125														
150	3.0	0.0	0.0	0.0	0.0	3	0	3.0	0.0	0.0	0.0	0.3	3	1
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														
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	0	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	0							
975														
1000														

TABLE 451

OTUSCEPELUS 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 HOUR		ADULT	NUMBER OF		TOTAL HOURS	POSTLARVA	NUMBER PER HOUR		ADULT	NUMBER OF	
			JUVENILE	SUBADULT		SAMP.-INDIV.				JUVENILE	SUBADULT		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	2.0	0.0	0.0	0.0	0.0	2	0							
325														
350														
375														
400														
425														
450														
475														
500	3.0	0.0	0.0	0.0	0.0	3	0	2.1	0.0	0.0	0.0	0.0	2	0
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	2.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0
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

NOTOSCOPELUS 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 JUVENILE	PER HOUR SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.		TOTAL HOURS	POSTLARVA	NUMBER JUVENILE	PER HOUR 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	3.7	0.0	1	4
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	0.5	2	1
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

NOTOSCOPELUS 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								
57								
58								
59								
60								
61			1.0					
NO./HOUR	1.0	8.0	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	8	1	1	0	0	0	1
NO. SAMPLES	2	1	1	3	1	3	3	3

TABLE 454

NOTOSCOPELUS KROYERI
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
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

TABLE 455

NOTOSCOPELUS KROYERI
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
56		0.9								
57										
58										
59		1.8								
60										
61		0.9								
81				0.3						
96					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

ABLE 456

CTESCOPELUS ELONGATUS

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
36						1			1
37									
38									
39									
40									
41									
42									
43									
44									
45									
46									
47			1						1
48			1						1
49									
1									
2									
3						1			1
4									
5						1			1
6									
7									
8									
9									
10									
11						1			1
12									
13						1			1
TOTALS	0	0	2	0	0	3	0	0	5

ABLE 457

CTESCOPELUS ELONGATUS

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
37			2						2
38									
39									
40									
41									
42						1			1
43									
44									
45									
46									
47						1			1
48									
49			1			1			2
50									
51						1			1
52									
53									
54									
55									
56									
57									
58									
59			1						1
60			1						1
61									
62						1			1
63									
64									
65									
66									
TOTALS	0	0	4	0	0	6	0	0	12

TABLE 480

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	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	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	0.3	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	3.0	0.0	1	3	3.0	0.0	0.0	0.0	0.0	3	0

TABLE 481

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	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								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	1.0	0.0	1	1
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 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										
69			0.5							
70										
71			0.5							
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 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	58	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

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	Depths 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	46.0	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	46.3	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					0.5	
62								0.7		
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	2.0	3.0
No. Specimens	0	39	26	23	137	94	1564	610	281	182
No. Samples	2	6	2	6	2	3	3	3	2	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	Depths Sampled (m)							
	25	40	70	150	190	235	400	700
5							0.3	
-								
7			1.0			0.3	1.7	
8			2.0	1.3			1.3	0.7
9				0.7		1.3	0.3	2.0
10			3.0	1.0		4.3	0.3	4.0
11						1.0	2.3	2.0
12			3.0	1.0		0.7	18.7	2.9
13			8.0	2.7		2.3	15.3	4.3
14			15.0	1.0		1.7	11.0	12.6
15		1.0	9.0	0.3		1.0	10.3	13.6
16	1.0		8.0	0.3		0.7	12.7	21.4
17	3.5		7.0	0.3		0.7	8.3	18.4
18	4.0	3.0	3.0	0.3		0.3	14.7	14.6
19	2.0	4.0	3.0	0.7			24.0	12.9
20		7.0	3.0			1.7	26.0	6.7
21		4.0	4.0		1.0	1.3	21.0	7.2
22		3.0	7.0			2.3	13.3	4.3
23	1.0	1.0	7.0	0.3		1.3	4.3	8.6
24			4.0			1.3	1.0	3.3
25		1.0	6.0		4.0	1.0	1.3	2.4
26	1.0		13.0			0.3	1.0	0.7
27			8.0	0.3		0.3	0.3	1.3
28		4.0	12.0	0.3	1.0	0.3	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							0.3	
61								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	150.9
No. Hours	1.1	1.0	1.0	3.0	1.0	3.0	3.0	3.0
No. Specimens	18	52	179	89	21	75	573	456
No. Samples	2	1	1	3	1	3	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	Depths 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	
10		2.2	7.0	1.0		1.7		9.0	15.6	0.3
11		0.7	3.5		0.7	0.7	0.5	30.0	8.0	0.7
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	32.3	13.0
17	0.2	28.8	16.5		2.0	6.3	1.0	14.0	35.6	18.3
18	0.3	40.7	21.0	1.0		2.3		19.0	37.3	22.3
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				0.7
31	0.2	1.2	1.0	1.0	0.3			1.0		
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						0.3
37	0.4		1.5	1.0				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							
47	0.3		2.0		0.3	0.3			0.7	
48	0.3		1.0		0.3					
49	0.4		0.5		0.3					
50	0.4		1.0							
51	0.6		2.0							
52	0.3							1.0		
53	0.2		1.0						0.3	
54	0.3									
55	0.3		0.5							
56	0.2	0.5							0.3	
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										
71			0.5							0.3
-										
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.

[illegible]

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								1.0
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		

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

CYCLOTHONE BRAUER I
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	733	940
1			181.7	484.5	96.2	
NO./HOUR	0.0	0.0	181.7	484.5	96.2	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	2	2	3	3

TABLE 476

CYCLOTHONE BRAUER I
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					6.0	71.3	90.5	9.0
NO./HOUR	0.0	0.0	0.0	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	0	0	12	214	181	9
NO. SAMPLES	2	2	1	2	2	3	1	1

TABLE 477

CYCLOTHONE BRAUER I
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					61.0	20.0	499.0	149.3	11.0	0.5
NO./HOUR	0.0	0.0	0.0	0.0	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	2.0
NO. SPEC.	0	0	0	0	122	60	1497	452	22	1
NO. SAMPLES	2	6	2	6	2	3	3	3	2	2

TABLE 478

CYCLOTHONE BRAUERI
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	18.0
NO./HOUR	367.0	18.0
NO. HOURS	1.0	1.0
NO. SPEC.	367	18
NO. SAMPLES	1	1

TABLE 479

CYCLOTHONE BRAUERI
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	655	675
1					7.0	22.5
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 480

CYCLOTHONE BRAUERI
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	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	536	104
NO. SAMPLES	2	1	1	3	1	3	3	3

TABLE 481

CYCLOPHONE BRAUER I
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 (M)									
	SURF	12	45	100	150	200	400	600	800	1000
1							11.2	564.0	11.7	4.7
NO./HOUR	0.0	0.0	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	0	0	0	0	0	23	564	35	14
NO. SAMPLES	24	3	1	1	3	3	2	1	3	3

TABLE 482

CYCLOPHONE BRAUER I
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						0.3	12.8	332.7	145.0	12.6
NO./HOUR	0.0	0.0	0.0	0.0	0.0	0.3	12.8	332.7	145.0	12.6
NO. HOURS	25.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
NO. SPEC.	0	0	0	0	0	1	39	998	435	38
NO. SAMPLES	58	1	1	3	2	3	3	3	3	3

TABLE 483

CYCLOPHONE BRAUER I
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	155	250	325	425	510
1								107.0	93.0
NO./HOUR	0.0	0.0	0.0	0.0	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	0	0	0	0	0	0	107	93
NO. SAMPLES	15	1	1	1	1	1	1	1	1

TABLE 484

CYCLOTPNE PYGMAEA
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
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

CYCLOTPNE PYGMAEA
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	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

CYCLOTPNE PYGMAEA
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								10.3	39.0	43.4
NO./HOUR	0.0	0.0	0.0	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	0	0	0	0	0	31	78	139
NO. SAMPLES	2	6	2	6	2	3	3	3	2	2

TABLE 487

CYCLOTHONE PYGMAEA
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	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 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						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 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								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 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								23.0	180.7	115.7
NC./HOUR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.0	180.7	115.7
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	0	23	543	347
NC. SAMPLES	24	3	1	1	3	3	2	1	3	3

TABLE 491

CYCLOTHONE PYGMAEA
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									3.0	47.0
NC./HOUR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	47.0
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	0	0	0	9	141
NC. SAMPLES	58	1	1	3	2	3	3	3	3	3

TABLE 492

GORGOSTOMA
DAY

CENUDATUM

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

DEPTHS SAMPLED (M)

50 100 150 200 300 400 500 600 750 1000

1							0.3			
2							0.3			
3							0.3			
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21							0.3			
22										
86								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	2.0	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

E 493

STOMA DENUDATUM
GHTNUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES, WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDEDME
IC
A

	DEPTHS SAMPLED (M)									
	SURF	50	100	150	200	300	400	500	600	750
				0.3						
HOUR	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0
HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
PEC.	0	0	0	1	0	0	0	0	0	0
SAMPLES	58	1	1	3	2	3	3	3	3	3

E 494

MYCOCCUS OVATUS

NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDEDE
C

	DEPTHS SAMPLED (M)							
	SURF	100	150	200	300	400	800	1000
						0.3		
						0.3		
HOUR	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0
HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
PEC.	0	0	0	0	0	2	0	0
SAMPLES	2	2	1	2	2	3	1	1

TABLE 495

ICHTHYOCYCCLUS OVATUS
DAYNUMBER OF SNIPBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM M60 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							0.2		0.5	
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12						0.3				
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										
32						0.3				
NE./HOUR	0.0	0.0	0.0	0.0	0.0	0.7	0.3	0.0	0.5	0.0
NE. 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

LE 496

PHYCOCYCUS OVATUS
EIGHT

NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

TIME
BIC
MM

DEPTHS SAMPLED (M)

	SURF	50	100	150	200	300	400	500	600	750
								1.0		
				0.3						
/HOUR	0.0	0.0	0.0	0.3	0.0	0.0	0.0	1.0	0.0	0.0
HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
SPEC.	0	0	0	1	0	0	0	3	0	0
SAMPLES	58	1	1	3	2	3	3	3	3	3

LE 497

CIGUERRIA ATTENUATA
DAY

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

TIME
BIC
MM

DEPTHS SAMPLED (M)

	150	235	375	500	700	940
		0.5	0.7	5.0		
/HOUR	0.0	0.5	0.7	5.0	0.0	0.0
HOURS	3.0	2.0	3.0	2.0	3.0	3.0
SPEC.	0	1	2	10	0	0
SAMPLES	3	2	3	2	3	3

LE 498

CIGUERRIA ATTENUATA
DAY

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

TIME
BIC
MM

DEPTHS SAMPLED (M)

	SURF	100	150	200	300	400	800	1000
		0.5			44.0	3.7	2.0	
		0.5				0.3		
						0.3		
						0.3		
/HOUR	0.0	1.0	0.0	0.0	44.0	4.7	2.0	0.0
HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
SPEC.	0	2	0	0	88	14	4	0
SAMPLES	2	2	1	2	2	3	1	1

TABLE 499

VINCIGUERRIA ATTENUATA
DAYNUMBER OF SWIMBLADDERS PER FCUP 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		2.6			4.5	5.7	5.0	4.3		
2						0.3	0.3			
NC./FCUP	0.0	2.6	0.0	0.0	4.5	6.0	5.3	4.3	0.0	0.0
NC. FCURS	2.0	6.0	2.0	6.0	2.0	3.0	3.0	2.0	2.0	3.0
NC. SPEC.	0	17	0	0	9	18	16	13	0	0
NC. SAMPLES	2	6	2	6	2	2	2	2	2	2

TABLE 500

VINCIGUERRIA ATTENUATA
DAYNUMBER OF SWIMBLADDERS PER FCUP 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	7.0	
NC./FCUP	7.0	0.0
NC. FCURS	1.0	1.0
NC. SPEC.	7	0
NC. SAMPLES	1	1

TABLE 501

VINCIGUERRIA ATTENUATA
DAYNUMBER OF SWIMBLADDERS PER FCUP 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				1.0	
NC./FCUP	1.0	0.0	0.0	0.0	1.0	0.0
NC. FCURS	1.0	1.0	1.0	1.0	1.0	2.0
NC. SPEC.	1	0	0	0	1	0
NC. SAMPLES	1	1	1	1	1	2

TABLE 502

VINCIGUERRIA ATTENUATA
NIGHT

NUMBER 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	0.3		1.0	2.7	
2								
3						0.3		
4								
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
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 (M)									
	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
NIGHT

NUMBER 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	9	9	0
NO. SAMPLES	58	1	1	3	2	3	3	3	3	3

TABLE 505

VINCIGUERRIA ATTENUATA
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	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	7.8	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 506

VINCIGUERRIA POWERIAE
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		0.7					4.7			
2				0.2						
3										
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
NO. SAMPLES	2	6	2	6	2	3	3	3	2	2

TABLE 507

VINCIGUERRIA POWERIAE
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	6.0	
NO./HOUR	6.0	0.0
NO. HOURS	1.0	1.0
NO. SPEC.	6	0
NO. SAMPLES	1	1

TABLE 508

VINCIGUERRIA POWERIAE
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				
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 509

VINCIGUERRIA POWERIAE
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	100	150	200	300	400	500	600	750
1		1.8				0.7			2.0	
2		2.8								
3		4.6								
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	58	1	1	3	2	3	3	3	3	3

TABLE 510

VINCIGUERRIA POWERIAE
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			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	7.8	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 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
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 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	1000
7					1.0	2.0		
8					3.0	1.0	0.5	
9						0.3		
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	9.3	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	8	28	1	0
NC. SAMPLES	2	2	1	2	2	3	1	1

TABLE 513

ARGYROPELECUS FEMIGYMNUS
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
7						0.7	0.3			
8					0.5		0.7			
9										
10						1.0				
11										
12					0.5		0.7			
13						0.7	0.7			
14						1.3	1.0			
15							0.3	0.3		
NC./HOUR	0.0	0.0	0.0	0.0	1.0	3.7	3.7	0.3	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	2	11	11	1	0	0
NC. SAMPLES	2	6	2	6	2	3	3	3	2	2

TABLE 514
 GYROPELECUS FEMIGYMNUS
 DAY
 NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4
 SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH CUBIC MM	DEPTHS SAMPLED (M)	
	500	700
7		1.0
8		
9		1.0
10/HOUR	0.0	2.0
10 HOURS	1.0	1.0
10 SPEC.	0	2
10 SAMPLES	1	1

TABLE 515
 GYROPELECUS FEMIGYMNUS
 DAY
 NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
 SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH CUBIC MM	DEPTHS SAMPLED (M)					
	160	250	340	410	495	675
7					1.0	
10/HOUR	0.0	0.0	0.0	0.0	1.0	0.0
10 HOURS	1.0	1.0	1.0	1.0	1.0	2.0
10 SPEC.	0	0	0	0	1	0
10 SAMPLES	1	1	1	1	1	2

TABLE 516
 GYROPELECUS FEMIGYMNUS
 NIGHT
 NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
 SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH 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	
10/HOUR	0.0	0.0	1.0	0.3	2.0	9.0	7.0	0.3
10 HOURS	1.1	1.0	1.0	3.0	1.0	3.0	3.0	3.0
10 SPEC.	0	0	1	1	2	27	21	1
10 SAMPLES	2	1	1	3	1	3	3	3

TABLE 517

ARGYROPELECUS HEMIGYMNUS
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
7							7.8			
8							1.5			
9							0.5			
10										
11										0.3
12						0.3	0.5			
13						1.0	1.4			
14							5.4			0.3
15							0.5			
16										
17										
18										
19										
20										
21	C.CB									
NO./HOUR	0.1	0.0	C.C	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 HEMIGYMNUS
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
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									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	58	1	1	3	2	3	3	3	3	3

TABLE 519

ARGYROPELECUS HEMIGYMNUS
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
7								11.0	1.0
8								1.0	
9									1.0
10								1.0	1.0
11									
12									
13								1.0	
14							2.0		1.0
15									
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	7.8	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

E 520

TRONA RISSOI
YNUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDEDME
IC
M

DEPTHS SAMPLED (M)

	150	235	375	500	700	940
	0.3				2.3	
HOURL	0.3	0.0	0.0	0.0	2.3	0.0
HOURS	3.0	2.0	3.0	2.0	3.0	3.0
SPEC.	1	0	0	0	7	0
SAMPLES	3	2	3	2	3	3

E 521

TRONA RISSOI
YNUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDEDME
IC
M

DEPTHS SAMPLED (M)

	50	100	150	200	300	400	500	600	750	1000
				0.2					1.0	
HOURL	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	1.0	0.0
HOURS	2.0	6.0	2.0	6.0	2.0	3.0	3.0	3.0	2.0	3.0
SPEC.	0	0	0	1	0	0	0	0	2	0
SAMPLES	2	6	2	6	2	3	3	3	2	2

E 522

TRONA RISSOI
YNUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDEDME
IC
M

DEPTHS SAMPLED (M)

	25	40	70	150	190	235	400	700
								1.0
HOURL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
HOURS	1.1	1.0	1.0	3.0	1.0	3.0	3.0	3.0
SPEC.	0	0	0	0	0	0	0	3
SAMPLES	2	1	1	3	1	3	3	3

TABLE 523

ELECTRONA RISSOI
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					0.3	3.0				
2						1.0				
3										
4										
5										
6										
7										
8										
9										
10										
54							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 (M)									
	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

FILE 528

GOPHUM HYGOMI
DAY

NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME
DEIC
MM

DEPTHS SAMPLED (M)

	160	250	340	410	495	675
						0.5

0.5
0.5

/HOUR	0.0	0.0	0.0	0.0	0.0	1.5
HOURS	1.0	1.0	1.0	1.0	1.0	2.0
SPEC.	0	0	0	0	0	3
SAMPLES	1	1	1	1	1	2

FILE 529

GOPHUM HYGOMI
NIGHT

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

VOLUME
DEIC
MM

DEPTHS SAMPLED (M)

	25	40	70	150	190	235	400	700
			1.0			0.7		

1.0

1.0

/HOUR	0.0	1.0	2.0	0.0	0.0	0.7	0.0	0.0
HOURS	1.1	1.0	1.0	3.0	1.0	3.0	3.0	3.0
SPEC.	0	1	2	0	0	2	0	0
SAMPLES	2	1	1	3	1	3	3	3

LE 530

OPHUM HYGOMI
IGHT

NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

UME
BIC
MM

DEPTHS SAMPLED (M)

SURF 50 100 150 200 300 400 500 600 750

0.03

0.03

HOURL	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
SPEC.	2	0	0	0	0	0	0	0	0	0
SAMPLES	58	1	1	3	2	3	3	3	3	3

TABLE 531

MYGONUM MYGONI
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	0.1								
2									
3									
4									
5									
6									
7									
8	0.1								
9									
10									
11									
12									
13									
14									
15									
16									
17									
18		1.0							
19			1.0						
NO./HOUR	0.3	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
NO. HOURS	7.8	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

MYGONUM EENDITI
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
1		0.5		0.5	13.5	12.0
2					2.0	
3					0.7	
4					0.3	
5						
6				0.5		
NO./HOUR	0.0	0.5	0.0	1.0	16.5	12.0
NO. HOURS	3.0	2.0	3.0	2.0	3.0	3.0
NO. SPEC.	0	1	0	2	50	30
NO. SAMPLES	3	2	3	2	3	3

TABLE 533

HYGCPHUM BENDITI
DAYNUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDEDVOLUME
CUBIC
M

DEPTHS 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							1.5	
23								
NC./HOUR	0.0	1.5	0.0	0.0	2.5	0.0	42.5	50.0
NC. HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
NC. SPEC.	0	3	0	0	5	0	85	50
NC. SAMPLES	2	2	1	2	2	3	1	1

TABLE 534

HYGOPHUM BENCITI
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										0.5
2										
3										
4										
5										
6										
7										
8										
9									0.5	
10										0.2
NO./HOUR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	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	0	0	0	0	0	0	0	1	2
NO. SAMPLES	2	6	2	6	2	3	3	3	2	2

TABLE 535

HYGOPHUM BENCITI
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		12.0
2		2.0
3		2.0
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 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	3.7		8.7	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	8.7	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

HYGOPHUM BENOITI
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 (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
NO. 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

HYGOPHUM BENOITI
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 (P)									
	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						
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 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	235	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	0.0
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 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	800	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	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 542

BENTHOSEMA GLACIALE
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
2		2.0
NO./HOUR	0.0	2.0
NO. HOURS	1.0	1.0
NO. SPEC.	0	2
NO. SAMPLES	1	1

TABLE 543

BENTHOSEMA GLACIALE
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

BENTHOSEMA GLACIALE
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

LE 545

THOSEMA GLACIALE
IGHT

NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

UME
BIC
MM

DEPTHS SAMPLED (M)

	SURF	50	100	150	200	300	400	500	600	750
		6.5 4.6							0.3	0.4
1 HOUR	0.0	11.1	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.4
HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
SPEC.	0	12	0	0	0	0	0	0	1	1
SAMPLES	58	1	1	3	2	3	3	3	3	3

E 546

CPHUM PUNCTATUM
Y

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

ME
IC
M

DEPTHS SAMPLED (M)

	150	225	375	500	700	940
					5.3 1.6	0.3
1 HOUR	0.3	0.0	0.0	0.0	7.0	0.3
HOURS	3.0	2.0	3.0	2.0	3.0	3.0
SPEC.	1	0	0	0	21	1
SAMPLES	3	2	3	2	3	3

E 547

CPHUM PUNCTATUM
Y

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

ME
IC
M

DEPTHS SAMPLED (M)

	SURF	100	150	200	300	400	800	1300
							1.0	
1 HOUR	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0
HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
SPEC.	0	0	0	0	0	0	2	0
SAMPLES	2	2	1	2	2	3	1	1

TABLE 548

MYCTOPHUM PUNCTATUM
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
3										0.2
4			0.2							0.5
NO./HOUR	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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 549

MYCTOPHUM PUNCTATUM
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			12.0	1.0	2.0				1.3
4	0.8		15.0	2.0		2.0			
5			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 550

MYCTOPHUM PUNCTATUM
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
3		1.4	0.7	3.0						
4		3.4	0.7	2.0						0.2
5		4.0		1.0		0.3				
6		1.2								
NO./HOUR	10.0	1.3	6.0	0.0	0.3	0.0	0.0	0.0	0.0	0.2
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 551

MYCTOPHJH 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)								
		50	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

SYMBLOPHERUS 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	235	375	500	700	940
2						1.0	
NO./HOUR	0.0	0.0	0.0	0.0	1.0	0.	
NO. HOURS	2.0	2.0	3.0	2.0	3.0	3.	
NO. SPEC.	0	0	0	0	3	3	
NO. SAMPLES	3	2	3	2	3	3	

TABLE 553

SYMBLOPHERUS 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							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 554

SYMBLOPHORUS 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)									
	50	100	150	200	300	400	500	600	750	1000
1		0.7								
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	1.0	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 555

SYMBLOPHORUS 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

SYMBLOPHORUS 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	0.08	1.3	2.0	1.0						
3	1.4		0.5							
4	0.3				0.3					
5	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 557

SYMBLOPHORUS 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 (M)									
	SURF	50	100	150	200	300	400	500	600	750
2	0.03		1.0							
3		0.9		0.3						
NO./HOUR	0.0	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

TABLE 558

LOBIANCHIA 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 (M)					
	150	225	275	500	700	940
1			7.0	15.5		
2			1.2	10.5		
3				0.5		
NO./HOUR	0.0	0.0	8.3	26.5	0.0	0.0
NO. HOURS	3.0	2.0	3.0	2.0	2.0	3.0
NO. SPEC.	0	0	25	53	0	0
NO. SAMPLES	3	2	3	2	3	3

TABLE 559

LOBIANCHIA 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 (M)							
	SURF	100	150	200	300	400	800	1000
1						1.0		
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 560

LOBIANCHIA DOFLEINI
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							1.7	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	6.0	2.0	6.0	2.0	2.0	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	2	3	3	2	2

TABLE 561

LOBIANCHIA 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	0
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

TAELE 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		
13						
14				0.5		
15				0.5		
16						
17				0.5		
18						
19						
20						
21						
22						
23						
24						
25						
26						
27				0.5		
28						
70				0.5		
71						
72						
73						
74				0.5		
75						
94				1.0		
95						
96						
97						
98						
99						
100				1.0		
101						
102						
103						
104						
105				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 567

DIAPHUS RAFINESQUEI
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	800	1000
27						0.3		
NO. FOUR	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
NO. FOURS	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

LE 568

PHUS RAFINESQUEI
AYNUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDEDUME
BIC
MM

DEPTHS SAMPLED (M)

50 100 150 200 300 400 500 600 750 1000

0.7

0.2

0.3

0.3

0.3

0.7

0.7

0.3

0.3

0.3

0.3

HOURLY	0.0	0.0	0.0	0.0	0.0	0.0	2.3	2.3	0.0	0.0
HOURS	2.0	6.0	2.0	6.0	2.0	3.0	3.0	3.0	2.0	3.0
SPEC.	0	0	0	0	0	0	7	7	0	0
SAMPLES	2	6	2	6	2	3	3	3	2	2

US RAFINESQUEI

NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

E
C

DEPTHS SAMPLED (M)

500 700
1.0

1.0

CUR 2.0 0.0

CURS 1.0 1.0

PEC. 2 0

AMPLES 1 1

E 570

HUS RAFINESQUEI

NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

ME
IC
M

DEPTHS SAMPLED (M)

160	250	340	410	495	675
-----	-----	-----	-----	-----	-----

1.0

0.5

FOUR	0.0	0.0	0.0	0.0	0.0	1.5
HOURS	1.0	1.0	1.0	1.0	1.0	2.0
SPEC.	0	0	0	0	0	3
SAMPLES	1	1	1	1	1	2

LE 571

PHUS RAFINESQUEI
IGHT

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

TIME
DTC
MM

DEPTHS SAMPLED (M)

25	40	70	150	190	235	400	700
						0.3	

				1.0	0.3		
--	--	--	--	-----	-----	--	--

0.3

HOUR	0.0	0.0	0.0	0.0	1.0	0.3	0.7	0.0
HOURS	1.1	1.0	1.0	3.0	1.0	3.0	3.0	3.0
SPEC.	0	0	0	0	1	1	2	0
SAMPLES	2	1	1	3	1	3	3	3

THUS RAFINESQUEI
 GHT

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

 ME
 IC
 M

	DEPTHS SAMPLED (M)									
	SURF	12	45	100	150	200	400	600	800	1000
			0.5							
			0.5							
			0.5							
			0.5							
				1.0						
						0.3				
						0.3				
						0.7				
						0.3				
HOUR	0.0	0.0	2.0	1.0	0.0	1.7	0.0	0.0	0.0	0.0
HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
SPEC.	0	0	4	1	0	5	0	0	0	0
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 (M)									
	SURF	50	100	150	200	300	400	500	600	750
4							0.3			
5										
6										
7										
8		0.9								
9										
10		0.9								
11										
12										
13										
14		0.9	1.0							
15										
16		0.9								
17										
29				0.3						
34	0.04			0.3						
55										
56										
57										
58						0.3				
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			
89						0.3	0.3			
100					0.5					
137						0.3				
138									0.3	
139										
140										
141										
142										
143										
144										
174								0.7		
191							0.3			
NO./HOUR	0.0	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 575

DIAPHUS FULTI
DAYNUMBER OF SWIMLADDERS 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
2				2.5		
3						
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	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 576

DIAPHUS FULTI
DAYNUMBER OF SWIMLADDERS 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	800	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 FOLTI
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		
NC./HOUR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	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	0	0	0	0
NC. SAMPLES	2	6	2	6	2	3	3	3	2	2

TABLE 578

DIAPHUS FOLTI
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	
NC./HOUR	1.0	0.0
NC. HOURS	1.0	1.0
NC. SPEC.	1	0
NC. SAMPLES	1	1

TABLE 579

DIAPHUS FOLTI
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
2						0.5
3						0.5
4	1.0					
NC./HOUR	1.0	0.0	0.0	0.0	0.0	1.0
NC. HOURS	1.0	1.0	1.0	1.0	1.0	2.0
NC. SPEC.	1	0	0	0	0	2
NC. SAMPLES	1	1	1	1	1	2

TABLE 580

DIAPHUS FOLTI
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
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	3.0
NO. SPEC.	0	0	0	17	9	1	2	0
NO. SAMPLES	2	1	1	3	1	3	3	3

TABLE 581

DIAPHUS FOLTI
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
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	3	1	1	3	3	2	1	3	3

TABLE 582

DIAPHUS FOLTI
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)								
		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										
16				0.3						
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
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 583

DIAPHUS FOLTI
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)							
		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
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 584

LAMPANYCTUS CROCODILUS
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
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						0.3
20						
21						
22						
23						
24						
25						
26						
27						0.3
120						
121						
122						
123						
124						
125					0.3	
126						
NC./HOUR	0.0	0.0	0.0	0.0	22.1	0.7
NC. HOURS	3.0	2.0	3.0	2.0	3.0	3.0
NC. SPEC.	0	0	0	0	67	2
NC. SAMPLES	3	2	3	2	3	3

TABLE 585

LAMPANYCTUS CROCODILUS
DAYNUMBER OF SHIMBLADEERS 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							0.5	
2							7.0	
3		1.0					2.0	
4							0.5	
5								
6							0.5	
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./HOUR	0.0	1.0	0.0	0.0	0.0	0.0	10.5	2.0
NC. HOURS	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

LAMPANYCTUS CROCOCILUS
DAYNUMBER OF SWIMPLADDERS 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		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									0.5	
107										
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. HOURS	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	0	0	0	0	12	3
NC. SAMPLES	2	6	2	6	2	3	3	3	2	2

PANYCTUS CROCODILUS
LIGHT

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

DEPTHS SAMPLED (M)

1.0

0.7

2.0
2.C

0.3 0.3

0.3

0.3

C.3

0.3

HCUR	C.O	C.O	4.C	1.C	0.0	0.0	0.3	2.3
------	-----	-----	-----	-----	-----	-----	-----	-----

HOURS	1.1	1.0	1.0	3.0	1.0	3.0	3.0	3.0
-------	-----	-----	-----	-----	-----	-----	-----	-----

SPEC. 0 C 4 3 0 0 1 7

SAMPLES	2	1	1	3	1	3	3	3
---------	---	---	---	---	---	---	---	---

E 588

ANYCTUS CROCODILUS
GHTNUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDEDME
IC
M

DEPTHS SAMPLED (M)

SURF 12 45 100 150 200 400 600 800 1000

5.5		0.3						
3.0		0.3					0.3	
1.5		1.0						
		1.0						
0.5								

1.0

0.3

0.3

0.3

0.3

0.3

0.3

0.3

0.3

0.3

0.3

0.3

0.3

OUR	0.0	0.0	10.5	3.0	0.7	0.0	0.0	0.0	2.9	1.3
CURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
PEC.	0	0	21	3	2	0	0	0	9	4
AMPLES	24	3	1	1	3	3	2	1	3	3

NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

ME
IC
M

[illegible]

TABLE 590

LAMPANYCTUS PUSILLUS
DAYNUMBER OF SWIMELADDERS 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				0.5	2.3	
2					2.0	0.3
3					3.7	
4					6.6	2.7
5					2.7	0.3
NO./HOUR	0.0	0.0	0.0	0.5	19.2	3.3
NO. HOURS	3.0	2.0	2.0	2.0	3.0	3.0
NO. SPEC.	0	0	0	1	58	10
NO. SAMPLES	3	2	2	2	3	3

TABLE 591

LAMPANYCTUS PUSILLUS
DAYNUMBER OF SWIMELADDERS 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
3							0.5	
4							0.5	
5							0.5	
6							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 592

LAMPANYCTUS PUSILLUS
DAYNUMBER OF SWIMELADDERS 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								17.1		
2									0.5	
3									0.5	0.2
4										
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 593

LAPPANYCTUS PUSILLUS
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	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

LAPPANYCTUS PUSILLUS
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						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

TABLE 595

LAMPANYCTUS PUSILLUS NIGHT		NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1 SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED						
CLUPE CUBIC MM	DEPTHS SAMPLED (M)							
	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					
C. / HOUR	0.0	0.0	38.0	1.7	0.0	0.0	0.0	0.0
C. HOURS	1.1	1.0	1.0	3.0	1.0	3.0	3.0	3.0
C. SPEC.	0	0	38	5	0	0	0	0
C. SAMPLES	2	1	1	3	1	3	3	3

TABLE 596

LAMPANYCTUS PUSILLUS 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 (M)									
	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 NIGHT		NUMBER 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
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

LAMPANYCTUS PUSILLUS
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		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	7.8	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 599

CERATOSCOPELUS MADEIRENSIS
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	750	940
1	0.3	0.5	0.3	0.5	105.0	0.3
2						
3						
4						1.3
5				0.5		0.3
6						0.3
NO./HOUR	0.3	0.5	0.3	1.0	105.0	2.3
NO. HOURS	3.0	2.0	3.0	2.0	3.0	3.0
NO. SPEC.	1	1	1	2	317	7
NO. SAMPLES	3	2	3	2	3	3

TABLE 600

CERATOSCOPELUS MACERENSIS
DAYNUMBER OF SWIMELADDERS 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							21.5	
2								
3								
4								
5							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 601

CERATOSCOPELUS MACERENSIS
DAYNUMBER OF SWIMELADDERS 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		0.2	0.5	0.7				1.3	72.0	3.2
2				0.2						
3										
4										
5										
6										
7										
8										0.2
NO./HOUR	0.0	0.2	0.5	0.6	0.0	0.0	0.0	1.3	72.0	3.4
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	1	1	5	0	0	0	4	144	9
NO. SAMPLES	2	6	2	6	2	3	3	3	2	2

TABLE 602

CERATOSCOPELUS MACERENSIS
DAYNUMBER OF SWIMELADDERS 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

TABLE 603

CERATOSCOPELUS MADERENSIS NIGHT		NUMBER 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		6.0	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 MADERENSIS 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 (M)									
	SURF	12	45	100	150	200	400	600	800	1000
1		94.1	8.5		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	26	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		1.8	1.0		0.5	0.7			0.3	11.1
2										
3										
4										
5										
6										
7		0.5								
8		0.5								
9										
10										
11										
12										
13		0.5								
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

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./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

TABLE 607

NOTOSCOPELUS KROYERI NIGHT		NUMBER 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
NO./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

NOTOSCCPELUS KROYERI 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 (M)									
	SURF	12	45	100	150	200	400	600	800	1000
4		0.7	7.5							
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	2	1	1	3	3	2	1	3	3

TABLE 609

NOTOSCOPELUS KROYERI NIGHT		NUMBER 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		3.7		0.3	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 610

NCTOSCOPELUS ELONGATUS
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
2			0.2	1.0		
3				0.5		
NC./HOUR	0.0	0.0	0.2	1.5	1.0	0.0
NC. HOURS	3.0	2.0	2.0	2.0	3.0	3.0
NC. SPEC.	0	0	1	3	0	0
NC. SAMPLES	2	2	3	2	3	3

TABLE 611

NCTOSCOPELUS ELONGATUS
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
2								1.0
3								2.0
NC./HOUR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0
NC. HOURS	2.0	2.0	1.0	2.0	2.0	2.0	2.0	1.0
NC. SPEC.	0	0	0	0	0	0	0	3
NC. SAMPLES	2	2	1	2	2	3	1	1

TABLE 612

NCTSCOPELUS ELONGATUS 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 (M)									
	SURF	12	45	100	150	200	400	600	800	1000
1			1.0		0.3					
2			1.0							
3				1.0						
NC./HOUR	0.0	0.0	2.0	1.0	0.3	0.0	0.0	0.0	0.0	0.0
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	4	1	1	0	0	0	0	0
NC. SAMPLES	24	3	1	1	3	3	2	1	3	3

TABLE 613

NCTSCOPELUS ELONGATUS NIGHT		NUMBER 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			1.0							
NC./HOUR	0.0	0.0	1.0	0.0	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.	0	0	1	0	0	0	0	0	0	0
NC. SAMPLES	58	1	1	3	2	3	3	3	3	3

