Table1. Number of fishing vessels (ships), catch in number of individuals, catch in weight (kg round weight), nominal effort (thousands of hooks), number of individuals size sampled, mean weight and size sampling coverage (%) for the 1993-2004 period.

Year	Ships	Catch #	Catch (Kg)	Hook*1000	N.sampled	Av.weight	% sampl.
1993	3	5457	206814	350	4440	37,9	81,4
1994	5	18648	693948	1535	14819	37,2	79,5
1995	1	306	18482	30	306	60,4	100
1996	1	466	29226	72	466	62,7	100
1997	2	no inf.	507802	no inf.	no inf.	no inf.	0
1998	8	31591	1424629	2765	5502	45,1	17,42
1999	9	42075	2012982	5807	4094	47,8	9,73
2000	8	18086	982885	4488	409	54,3	2,26
2001	10	32294	1860235	1771	9877	57,6	30,58
2002	16	60999	3502183	3466	28126	57,4	46,11
2003	19	73921	4289171	4440	34669	58,0	46,90
2004	24	86773	4713320	5122	31756	54,3	36,60

Table 2. Yield in number of individuals (CPUE#) and kg of round weight (CPUEw) of the swordfish (1993-2004).

YEAR	CPUE#	CPUEw
1993	16	591
1994	12	452
1995	10	616
1996	6	406
1997	no inf.	no inf.
1998	11	515
1999	7	346
2000	4	219
2001	18	1050
2002	18	1010
2003	17	966
2004	17	920

Table 3. Values of overall sex ratio (SRo) and sex ratio at size LJFL cm (SRs) –sizes 50 to 350 cm LJFL- for the swordfish obtained in the zones defined of the Indian Ocean for all years combined (from GARCIA-CORTES & MEJUTO 2003).

	IND51	IND52	IND53	IND54	IND55
SRo	**0,29**	**0,52**	**0,76**	**0,66**	**0,55**
T050				0,00	
T055					
T060					
T065		50,00	50,00		
T070	34,78	36,84	33,33	0,00	0,00
T075	40,98	55,17	71,43	0,00	0,00
T080	48,84	36,92	33,33		77,78
T085	48,82	43,75	50,00	50,00	41,18
T090	44,51	55,36	41,18	71,43	53,33
T095	45,62	58,48	46,67	76,47	39,06
T100	39,18	41,30	55,00	75,00	46,46
T105	39,92	46,08	58,73	70,00	59,15
T110	41,18	49,27	65,12	76,47	52,83
T115	35,81	48,82	62,50	71,00	57,35
T120	25,38	40,34	69,39	58,97	46,59
T125	14,81	35,34	70,39	76,23	49,07
T130	10,84	30,95	76,58	66,41	46,62
T135	9,77	37,63	71,43	57,62	51,52
T140	9,56	40,00	79,73	57,46	50,38
T145	12,61	44,21	81,90	54,88	47,58
T150	15,11	47,67	79,09	65,00	52,87
T155	26,79	58,70	76,21	62,50	51,61
T160	39,07	57,47	79,82	63,95	65,22
T165	50,19	63,41	71,68	57,21	66,04
T170	62,33	64,03	67,33	55,36	65,22
T175	77,10	72,88	76,51	56,77	67,39
T180	82,50	77,14	70,76	58,19	69,23
T185	91,76	87,65	86,86	59,17	66,67
T190	95,95	94,64	76,22	55,87	59,09
T195	98,04	90,70	83,72	72,73	75,00
T200	100,00	94,74	87,70	82,44	89,47
T205	100,00	94,59	91,36	95,08	100,00
T210	100,00	96,15	98,00	93,98	100,00
T215	100,00	100,00	100,00	100,00	100,00
T220	100,00	100,00	97,62	97,67	100,00
T225	100,00	100,00	100,00	100,00	100,00
T230	100,00	100,00	100,00	100,00	100,00
T235	100,00	100,00	100,00	83,33	
T240	100,00	100,00	100,00	100,00	100,00
T245		100,00	100,00	100,00	100,00
T250	100,00	100,00	100,00	100,00	100,00
T255	100,00		100,00		
T260	100,00	100,00	66,67	100,00	
T265	100,00	100,00	100,00	100,00	
T270			100,00		
T275					
T280					
T285					
T290		100,00			
T295					
T300			100,00		
T305					

Table 4. Total number of swordfish females >=150 cm LJFL sampled (# tot. Fish), number of females (# Fish) and percentage of females (%Fish) found in the 6 different gonadal stages defined for '*de visu'* evaluation (01-06), by geographic zone in the Indian Ocean for the 1998-2002 period (from GARCIA-CORTES & MEJUTO 2003).

ZONE	IND52	IND52	IND52	IND52	IND52	IND52	IND52
EST. GON.	01	02	03	04	05	06	Total
# tot. Fish	149	149	149	149	149	149	149
# Fish	0	141	7	0	0	1	149
% Fish	0,00	94,63	4,70	0,00	0,00	0,67	100,00
ZONE	IND53	IND53	IND53	IND53	IND53	IND53	IND53
EST. GON.	01	02	03	04	05	06	Total
# tot. Fish	1452	1452	1452	1452	1452	1452	1452
# Fish	568	861	21	1	0	1	1452
% Fish	39,12	59,30	1,45	0,07	0,00	0,07	100,00
ZONE	IND54	IND54	IND54	IND54	IND54	IND54	IND54
EST. GON.	01	02	03	04	05	06	Total
# tot. Fish	1781	1781	1781	1781	1781	1781	1781
# Fish	270	1281	102	31	2	95	1781
% Fish	15,16	71,90	5,72	1,74	0,11	5,33	100,00
ZONE	IND55	IND55	IND55	IND55	IND55	IND55	IND55
EST. GON.	01	02	03	04	05	06	Total
# tot. Fish	377	377	377	377	377	377	377
# Fish	239	95	21	3	0	19	377
% Fish	63,40	25,20	5,57	0,80	0,00	5,04	100,00

Table 5. Scientific estimation of landings by species (kg of round weight –RW-) in the Indian Ocean of the by-catch considered in the Spanish surface longline fishery, during 1993-2004 period .

Group	SPECIES	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
BIL	*Makaira mazara*	0	0	0	0	no inf.	0	16172	1440	20389	0	1662
BIL	*Makaira indica / M. Nigricans*	0	14321	1296	372	no inf.	0	602	54	0	0	697
BIL	*Tetrapturus audax*	0	0	0	0	no inf.	0	814	73	0	16164	11434
BIL	*Istiphorus platypterus*	0	2208	0	0	no inf.	8517	7427	661	0	8900	42235
BIL	*Tetrapturus angustirostris*	0	0	0	0	no inf.	0	1951	174	12364	22711	375
BIL	*Tetrapturus pfluegeri*	0	0	0	0	no inf.	1822	0	0	0	0	363
OTH	*Brama spp.*	0	0	0	0	no inf.	0	0	0	0	10	0
OTH	*Coriphaena spp.*	0	0	0	0	no inf.	0	65	25	0	1833	10317
OTH	*Gempilidae*	0	0	0	0	no inf.	0	12	0	0	0	0
OTH	*Lepidocibium flavobunneum*	0	0	0	0	no inf.	0	0	0	28591	200039	134686
OTH	*Lampris guttatus*	0	0	0	0	no inf.	0	0	0	0	222	140
OTH	*Oth*	0	1448	0	0	no inf.	0	0	0	4195	19489	13701
OTH	*Rubetus pretiosus*	0	0	0	0	no inf.	0	0	0	0	7307	461
OTH	*Sphyraena spp.*	0	0	0	0	no inf.	0	71	0	35	420	503
OTH	*Seriola dumerili*	0	0	0	0	no inf.	0	0	0	0	0	30
SHK	*Alopias spp.*	0	308	0	0	no inf.	0	0	0	0	21	0
SHK	*Carcharhinus spp.*	7088	165165	4120	6170	no inf.	0	57521	14313	22714	55814	19053
SHK	*Carcharhinus limbatus*	0	0	0	0	no inf.	0	0	0	0	0	0
SHK	*Carcharhinus falciformis*	0	0	0	0	no inf.	10689	13968	0	0	6	0
SHK	*Carcharinus galapagensis*	0	0	0	0	no inf.	0	0	0	0	0	968
SHK	*Carcharhinus longimanus*	0	0	0	0	no inf.	11629	31777	62	0	660	456
SHK	*Galeocerdo cuvieri*	0	1417	0	0	no inf.	221	0	0	196	81	**0**
SHK	*Isurus oxyrinchus*	10182	80899	3374	6356	no inf.	320625	543911	324264	146067	308252	411826
SHK	*Isurus paucus*	1721	2672	0	0	no inf.	858	30423	5102	240	214	932
SHK	*Lamna nasus*	0	0	0	0	no inf.	0	4542	0	494	2581	1277
SHK	*Prionace glauca*	0	179315	30645	36327	no inf.	908999	2879468	3031075	1203991	2549703	3904120
SHK	*Pseudocarcharias kamoharai*	0	0	0	0	no inf.	0	0	0	0	0	19
SHK	*Sphyrna lewini*	0	0	0	0	no inf.	0	0	0	0	0	147
SHK	*Sphyrna spp.*	733	11786	854	1358	no inf.	1085	893	0	9448	11511	4939
SHK	*Sphyrna zygaena*	0	0	0	0	no inf.	15932	11431	0	0	1219	659
TUN	*Acantocibium solandri*	0	0	0	0	no inf.	0	3974	0	0	127	82
TUN	*Thunnus alalunga*	0	0	0	0	no inf.	5130	42589	122291	165451	241384	48153
TUN	*Thunnus obesus*	6791	25693	100	235	no inf.	34517	58502	47065	75764	109296	382140
TUN	*Gasterochisma melampus*	0	0	0	0	no inf.	0	0	0	0	27089	0
TUN	*Thunnus maccoyii*	0	0	0	0	no inf.	0	0	0	0	0	3365
TUN	*Katsuwonus pelamis*	0	0	0	0	no inf.	0	0	0	233	0	3402
TUN	*Thunnus albacares*	9896	21254	83	195	no inf.	23350	43740	108403	44876	106693	0

Table 6. Number of blue shark sexed (No(Ma+Fem)), number of females sampled (No.Fem.), overall sex ratio (SRo), number of females specifically analyzed to determine the presence of fecundation signs (No.analiz.Fem), number of females showing internal or external signs of fecundation (No.Fec.Fem.), percentage of females with fecundation signs relative to the females analyzed (% Fecun.), number of pregnant females (No.Pre.Fem), percentage of pregnant females relative to females with fecundation signs (% Pre.Fem) and the percentage of females with mating injuries relative to females with signs of fecundation (% Mat.Fem); for each zone and region defined (from MEJUTO & GARCÍA-CORTÉS 2005).

ZONE	Nº (Ma+Fem)	No. Fem.	SRo	No.analiz. Fem.	No. Fec. Fem.	% Fecun	No. Pre. Fem	% Pre.Fem	% Mat.Fem
ATL01	439	205	46,70	204	3	1,47	3	1,47	0,00
ATL02	801	415	51,81	405	3	0,74	-	0,00	0,74
ATL03	2187	601	27,48	295	107	36,27	88	29,83	6,44
ATL04	158	76	48,10	75	0	0,00	-	0,00	0,00
ATL06	2600	1036	39,85	970	447	46,08	366	37,73	8,35
ATL91	4550	1573	34,57	1273	231	18,15	154	12,10	6,05
ATL92	127	35	27,56	35	5	14,29	5	14,29	0,00
ATL93	490	261	53,27	249	136	54,62	67	26,91	27,71
ATLN	**11352**	**4202**	**37,02**	**3506**	**932**	**26,58**	**683**	**19,48**	**7,10**
ATL07	249	121	48,59	113	81	71,68	36	31,86	39,82
ATL08	1711	947	55,35	898	819	91,20	627	69,82	21,38
ATL09	15876	7742	48,77	6793	6060	89,21	5396	79,43	9,77
ATL10	12053	2923	24,25	2438	1509	61,89	1166	47,83	14,07
ATLC	**29889**	**11733**	**39,26**	**10242**	**8469**	**82,69**	**7225**	**70,54**	**12,15**
ATL11	2574	762	29,60	580	308	53,10	261	45,00	8,10
ATL12	738	125	16,94	92	56	60,87	55	59,78	1,09
ATL13	1315	404	30,72	396	94	23,74	79	19,95	3,79
ATL15	4674	950	20,33	870	283	32,53	130	14,94	17,59
ATLS	**9301**	**2241**	**24,09**	**1938**	**741**	**38,24**	**525**	**27,09**	**11,15**
IND52	87	43	49,43	41	34	82,93	31	75,61	7,32
IND53	3182	230	7,23	148	129	87,16	61	41,22	45,95
IND54	3601	1141	31,69	750	481	64,13	152	20,27	43,87
IND55	909	242	26,62	166	131	78,92	72	43,37	35,54
INDI	**7779**	**1656**	**21,29**	**1105**	**775**	**70,14**	**316**	**28,60**	**41,54**
PAC40	3424	926	27,04	658	546	82,98	133	20,21	62,77
PAC44	19815	7975	40,25	5795	239	4,12	228	3,93	0,19
PACI	**23239**	**8901**	**38,30**	**6453**	**785**	**12,16**	**361**	**5,59**	**6,57**
ALL	**81560**	**28733**	**35,23**	**23244**	**11702**	**50,34**	**9110**	**39,19**	**11,15**

Table 7. Mean size of blue shark by sexes combined (FL(Ma+Fe)), mean female size (FL Fem.), mean size and confidence interval of pregnant females (FL Pre.Fem) and mean size and confidence intervals for females with mating injuries (FL Mat.Fem); for each zone and region defined (from MEJUTO & GARCÍA-CORTÉS 2005).

	FL(Ma+Fem)	FL Fem	FL Pre.Fem			FL Mat.Fem		
ZONE	Mean	Mean	Mean	LCI(95%)	UCI(95%)	Mean	LCI(95%)	UCI(95%)
ATL01	135	139	201	97,2	305,5	-	-	-
ATL02	140	139	-	-	-	195	-	-
ATL03	166	155	219	215,2	223,3	177	167,4	187,6
ATL04	142	132	-	-	-	-	-	-
ATL06	180	181	219	217,4	221,3	200	194,7	205,8
ATL91	160	155	223	219,7	226,4	203	196,6	209,8
ATL92	148	149	232	223,6	240,8	-	-	-
ATL93	222	213	222	217,2	226,5	204	199,2	208,6
ATLN	**165**	**162**	**219**	**217,1**	**220,7**	**201**	**197,7**	**203,9**
ATL07	205	196	208	201,7	214,6	186	181,6	190,8
ATL08	208	207	213	211,4	214,8	200	198,1	203,1
ATL09	205	202	206	205,7	206,6	194	192,8	195,5
ATL10	192	191	206	204,4	206,5	183	180,3	184,8
ATLC	**200**	**200**	**210**	**209,3**	**210,4**	**192**	**190,7**	**192,8**
ATL11	196	189	199	197,2	200,8	186	181,7	189,9
ATL12	192	192	202	197,6	206,9	196		
ATL13	202	187	203	199,6	206,3	189	179,5	198,9
ATL15	168	150	207	201,6	212,1	171	166,6	175,2
ATLS	**182**	**172**	**206**	**203,8**	**208,6**	**176**	**172,5**	**179,1**
IND52	214	216	227	216,9	237,9	193	141,6	245,0
IND53	212	203	220	214,3	225,9	202	197,4	206,6
IND54	209	188	226	223,1	229,4	201	198,0	203,1
IND55	217	200	212	209,0	216,5	205	198,8	212,1
INDI	**211**	**192**	**222**	**219,8**	**224,5**	**201**	**119,2**	**203,4**
PAC40	183	189	190	186,9	192,7	220	215,3	225,5
PAC44	135	135	204	201,5	205,7	209	202,3	216,3
PACI	**140**	**137**	**186**	**183,8**	**187,6**	**192**	**179,1**	**205,3**
ALL	**178**	**173**	**207**	**206,7**	**207,5**	**194**	**193,5**	**195,4**

Table 8. Total number of pelagic sharks tagged and released by Spain (1985-2004), by ocean, species and year (from MEJUTO *et al.* 2005).

YEAR	ATLANTIC	INDIAN	PACIFIC	TOTAL
1985	23			**23**
1986	60			**60**
1987	30			**30**
1988	3			**3**
1989	5			**5**
1990	30			**30**
1991	38		9	**47**
1992	120			**120**
1993	211	9		**220**
1994	281	59		**340**
1995	806			**806**
1996	711			**711**
1997	867			**867**
1998	819	29	5	**853**
1999	169	59	31	**259**
2000	195	1	68	**264**
2001	196	30	93	**319**
2002	203	35	16	**254**
2003	107	185	25	**317**
2004	15	37		**52**
TOTAL	**4889**	**444**	**247**	**5580**

Species	ATLANTIC	INDIAN	PACIFIC	TOTAL
ASO	22			**22**
AVO	1			**1**
CAO	40	10		**50**
CFO	76	71	8	**155**
CLO	172	56	1	**229**
CPO	4			**4**
CSO	5			**5**
GCO	4	2		**6**
IOO	2069	39	200	**2308**
IPO	7		3	**10**
LNO	74	7	2	**83**
PGO	2317	254	33	**2604**
PKO	29	3		**32**
SLO	8			**8**
SPO	2			**2**
SZO	59	2		**61**
TOTAL	**4889**	**444**	**247**	**5580**

Table 9. Total number of pelagic sharks recovered from the individuals tagged and released by Spain (1986-2004) by ocean and year (from MEJUTO *et al.* 2005).

Species	ATLANTIC	INDIAN	PACIFIC	UNK	TOTAL
ASO	3				**3**
CFO	3	1			**4**
CLO	3	4			**7**
IOO	52		3		**55**
LNO	3				**3**
PGO	149	1		5	**155**
TOTAL	**213**	**6**	**3**	**5**	**227**

OCEAN	YEAR	SPECIES	No.fish	OCEAN	YEAR	SPECIES	No.fish
UNK	unk	PGO	5	**ATL**	2000	ASO	1
ATL	1986	IOO	1		2000	IOO	4
	1987	IOO	1		2000	LNO	1
	1990	CFO	1		2000	PGO	9
	1992	CFO	1		2001	ASO	1
	1993	CLO	2		2001	IOO	8
	1994	IOO	2		2001	PGO	10
	1995	CFO	1		2002	IOO	4
	1995	CLO	1		2002	PGO	8
	1995	IOO	2		2003	IOO	7
	1995	PGO	9		2003	LNO	1
	1996	IOO	13		2003	PGO	9
	1996	PGO	11		2004	PGO	1
	1997	IOO	4	**IND**	1994	CLO	3
	1997	PGO	38		1995	CLO	1
	1998	IOO	6		1998	CFO	1
	1998	LNO	1		2004	PGO	1
	1998	PGO	40	**PAC**	2000	IOO	1
	1999	ASO	1		2001	IOO	2
	1999	PGO	14	**ALL**	-	-	**227**

Table 10. Recapture rates of pelagic sharks obtained from opportunistic tagging, scientific tagging surveys and total tagging, carried out by our tagging program (TP) of Spain, by species (from MEJUTO *et al.* 2005).

OPPORTUNISTIC TAGGING		TAGGING SURVEYS		TOTAL TAGGING SPAIN	
Species	**Rec. Rate**	**Species**	**Rec. Rate**	**Species**	**Rec. Rate**
ASO	-	ASO	**20,000**	ASO	**13,636**
CFO	**2,581**	CFO	-	CFO	**2,581**
CLO	**3,057**	CLO	-	CLO	**3,057**
IOO	**2,382**	IOO	**2,410**	IOO	**2,383**
LNO	**3,614**	LNO	-	LNO	**3,614**
PGO	**4,836**	PGO	**8,447**	PGO	**5,952**
TOTAL	**3,303**	**TOTAL**	**7,952**	**TOTAL**	**4,068**

Table 11. Number of pelagic sharks, by country and laboratory, tagged and released by other countries and recovered by the Spanish fleet, during the 1984-2004 period (from MEJUTO *et al.* 2005).

	COUNTRIES								
LABs	**CANADA**	**UK**	**IRELAND**	**JAPAN**	**NAMIBIA**	**S.AFRICA**	**USA**	**UNK**	**TOTAL**
St. ANDREWS	4								4
CFBI			562						562
GLASGOW MUSEUM		1							1
NMFS							1463		1463
NRIFSS				7					7
SAC G.B.		63							63
SEFC. MIAMI.							47		47
NSB						2			2
SFRI						1			
UK STP		6							6
NatMIRC					1				1
UNK								51	51
TOTAL	**4**	**70**	**562**	**7**	**1**	**3**	**1510**	**51**	**2208**

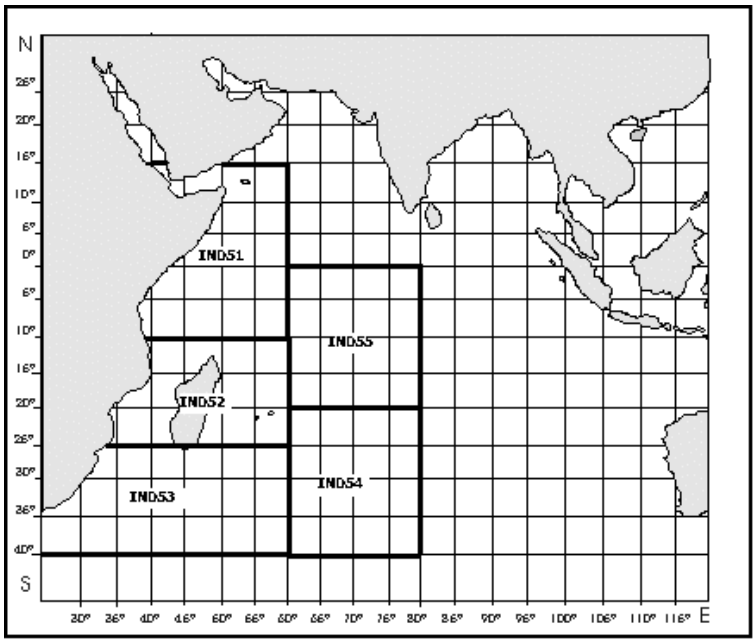

Figure 1. Geographic zones defined in the Indian Ocean for the final stratification and analysis of biological swordfish data (from GARCIA-CORTES & MEJUTO 2003).

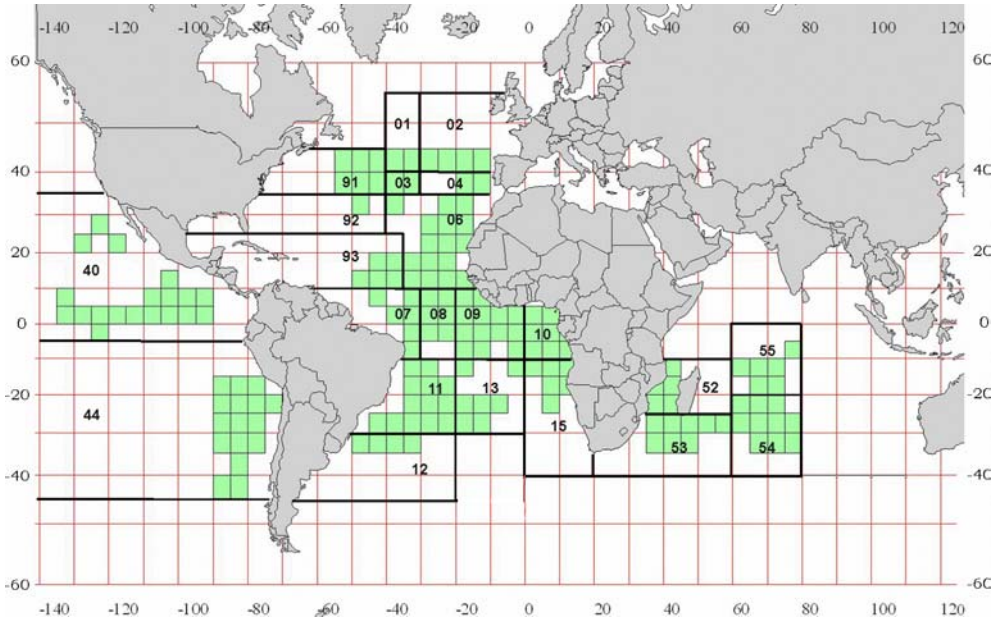

Figure 2. Map of the areas where observations of *Prionace glauca* (coloured squares) were carried out and definition of the zones considered in the analyses (from MEJUTO & GARCÍA-CORTÉS 2005).

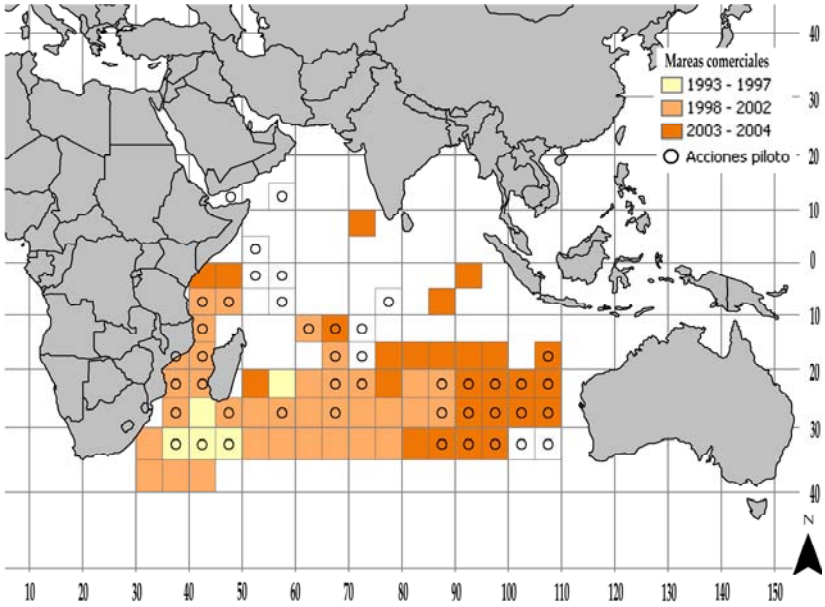

Figure 3. Squares 5ºx5º accessed by the Spanish surface longline fleet from 1993 to 2004, grouped by four-year periods. The circles indicate the areas where vessels of the commercial surface longline fleet carried out experimental or pilot activities.

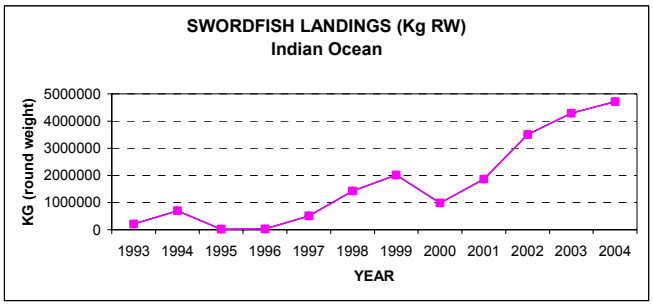

Figure 4. Landings (kg round weight) of swordfish caught by the Spanish surface longline fleet in the Indian Ocean, during the 1993-2004 period.

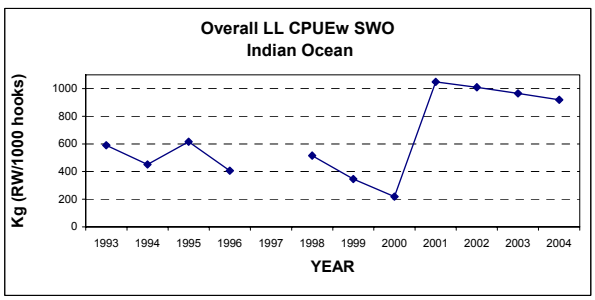

Figure 5. Overall nominal CPUE in weight (kg, RW) of swordfish caught by the Spanish longline fleet during the period 1993 to 2004 (1997: missing information). Note that the CPUE since 2001 represents a new 'american' longline style.

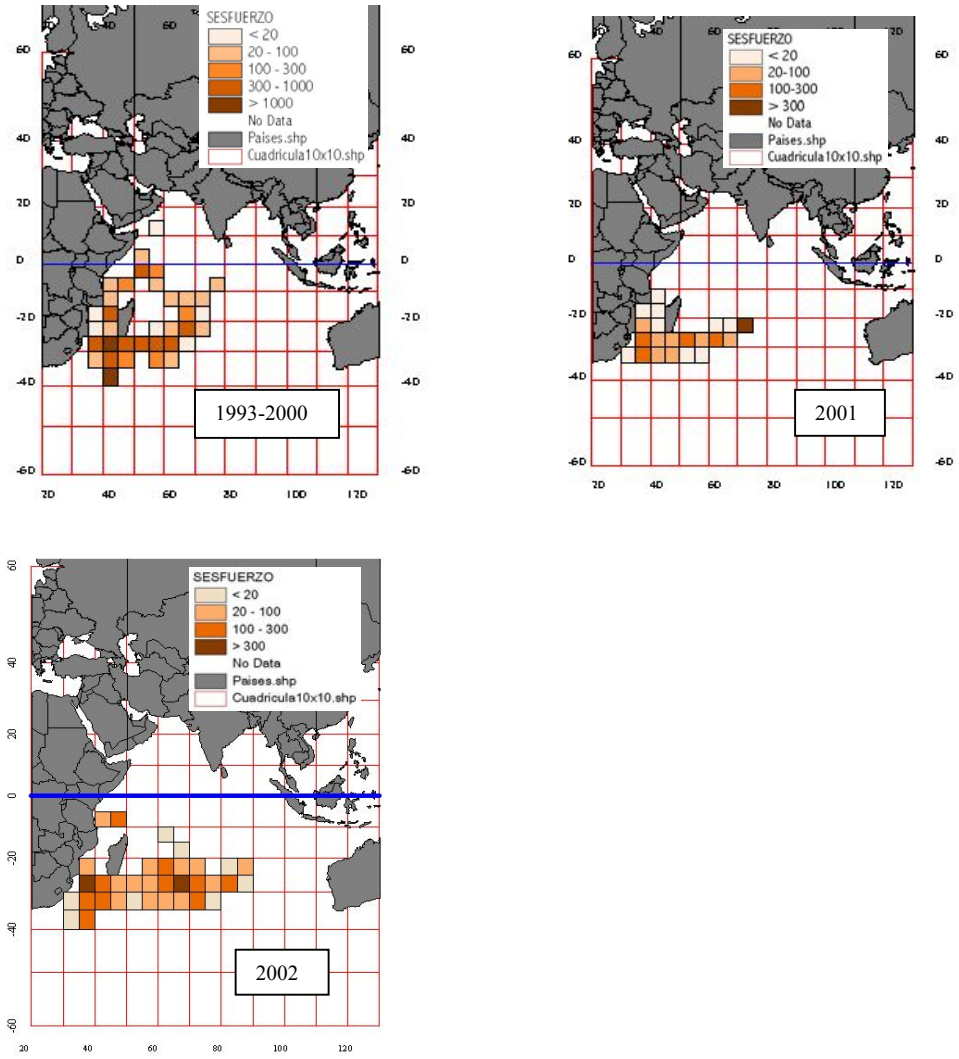

Figure 6. Nominal effort (in thousand of hooks), per 5ºx5º square, for the swordfish caught by the Spanish longline fleet, during the 1993-2000, 2001 and 2002 (from GARCÍA-CORTÉS *et al.* 2003, 2004) .

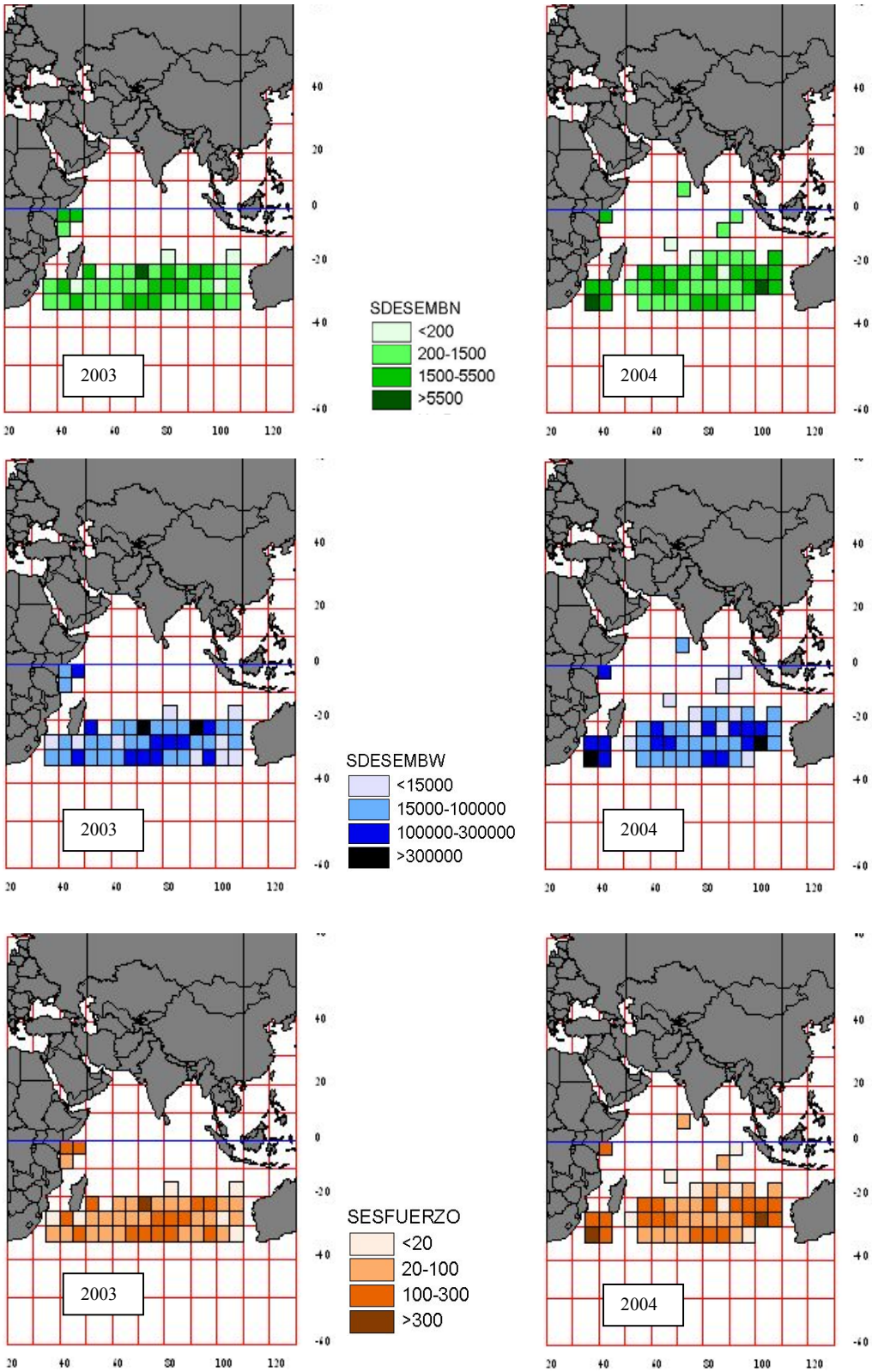

Figure 7. Landings in number (upper), landings in weight (kg RW) (middle) and nominal effort (in thousand of hooks) (lower), per 5ºx5º square, for the swordfish caught by the Spanish longline fleet, during the years 2003 (left) and 2004 (right).

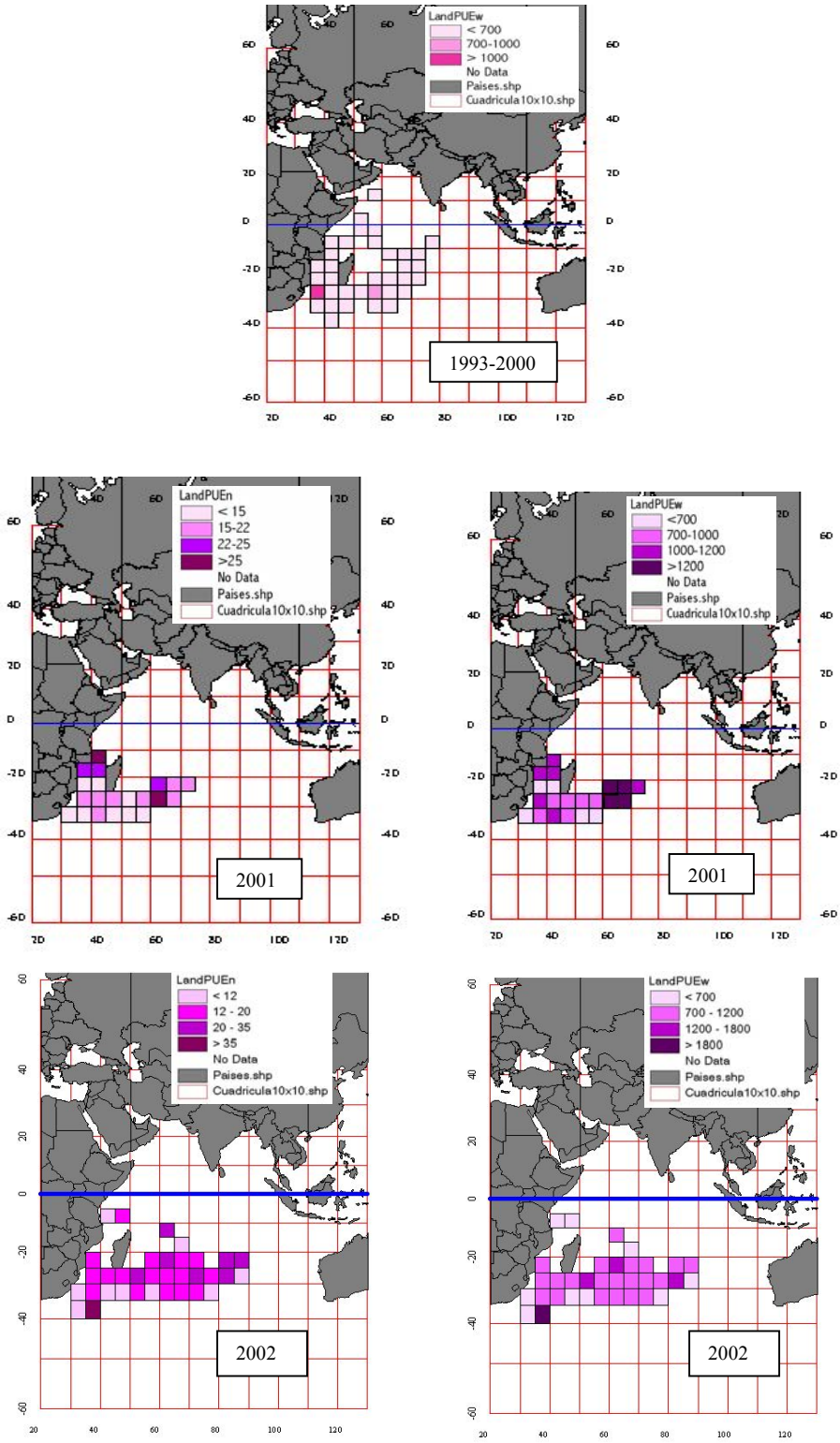

Figure 8. Nominal CPUE in kg round weight of swordfish for the 1993-2000 period (upper) and nominal CPUE in number (left) and in kg round weight (right) of swordfish of the Spanish longline fleet, during the years 2001and 2002 (from GARCÍA-CORTÉS & MEJUTO 2000, GARCÍA-CORTÉS *et al.* 2003)

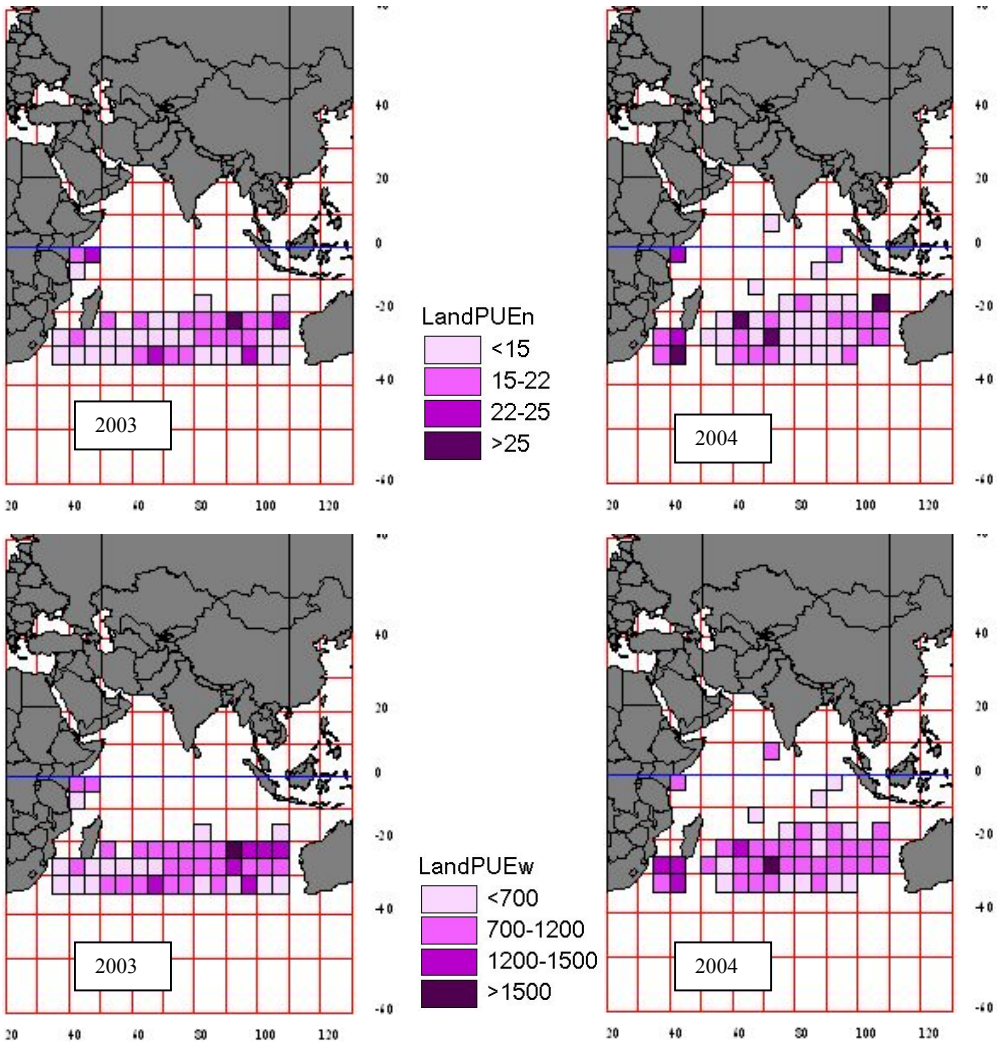

Figure 9. Nominal CPUE in number (upper) and in kg round weight (lower) of swordfish of the Spanish longline fleet, during the years 2003 (left) and 2004 (right).

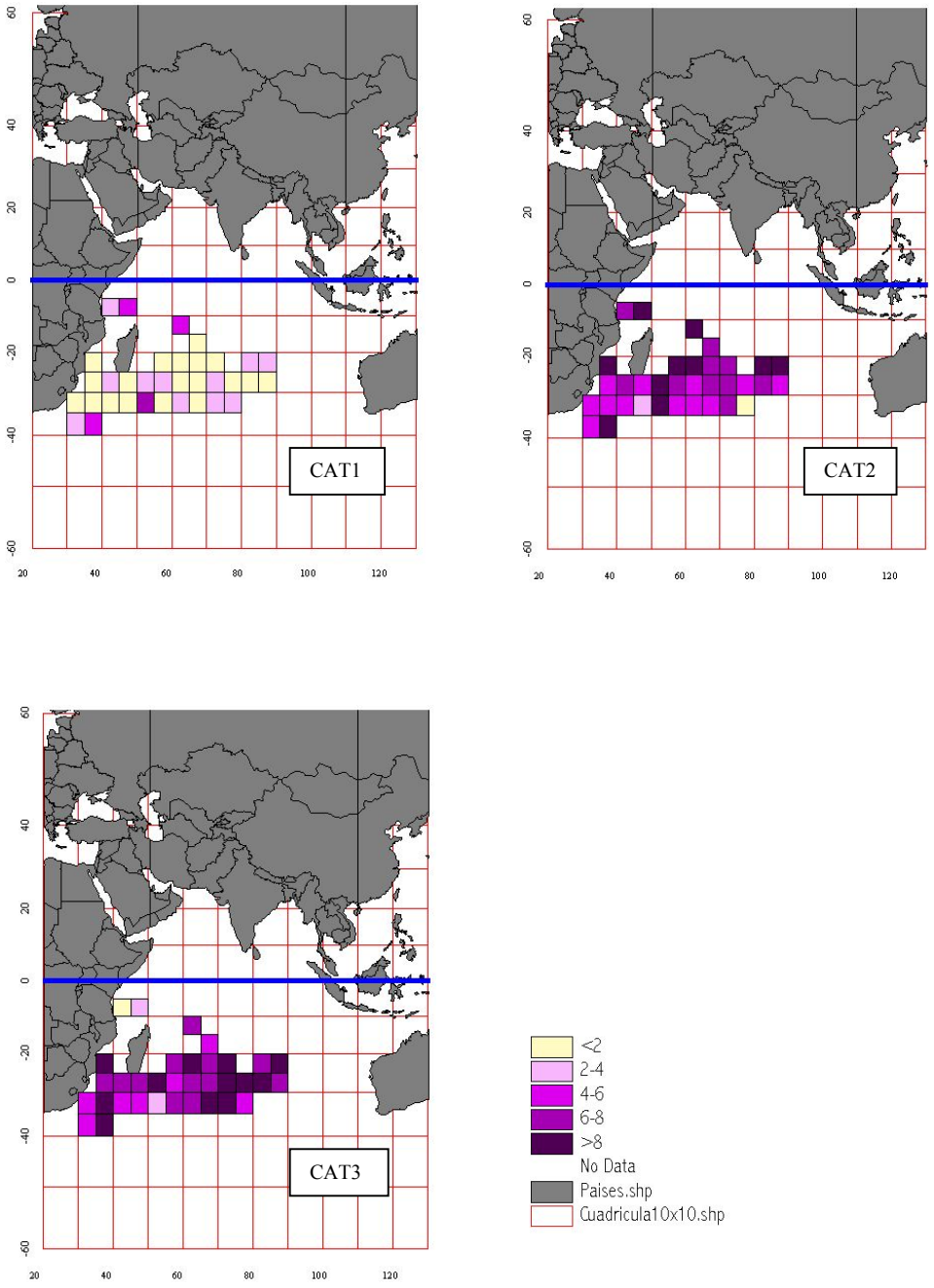

Figure 10. Nominal CPUE in number of swordfish by size class (cm, LJFL): CAT1< 125 cm; CAT2:125-160 cm; CAT3>160 cm; during 2002 in the Indian ocean (from GARCIA-CORTES *et al*. 2003).

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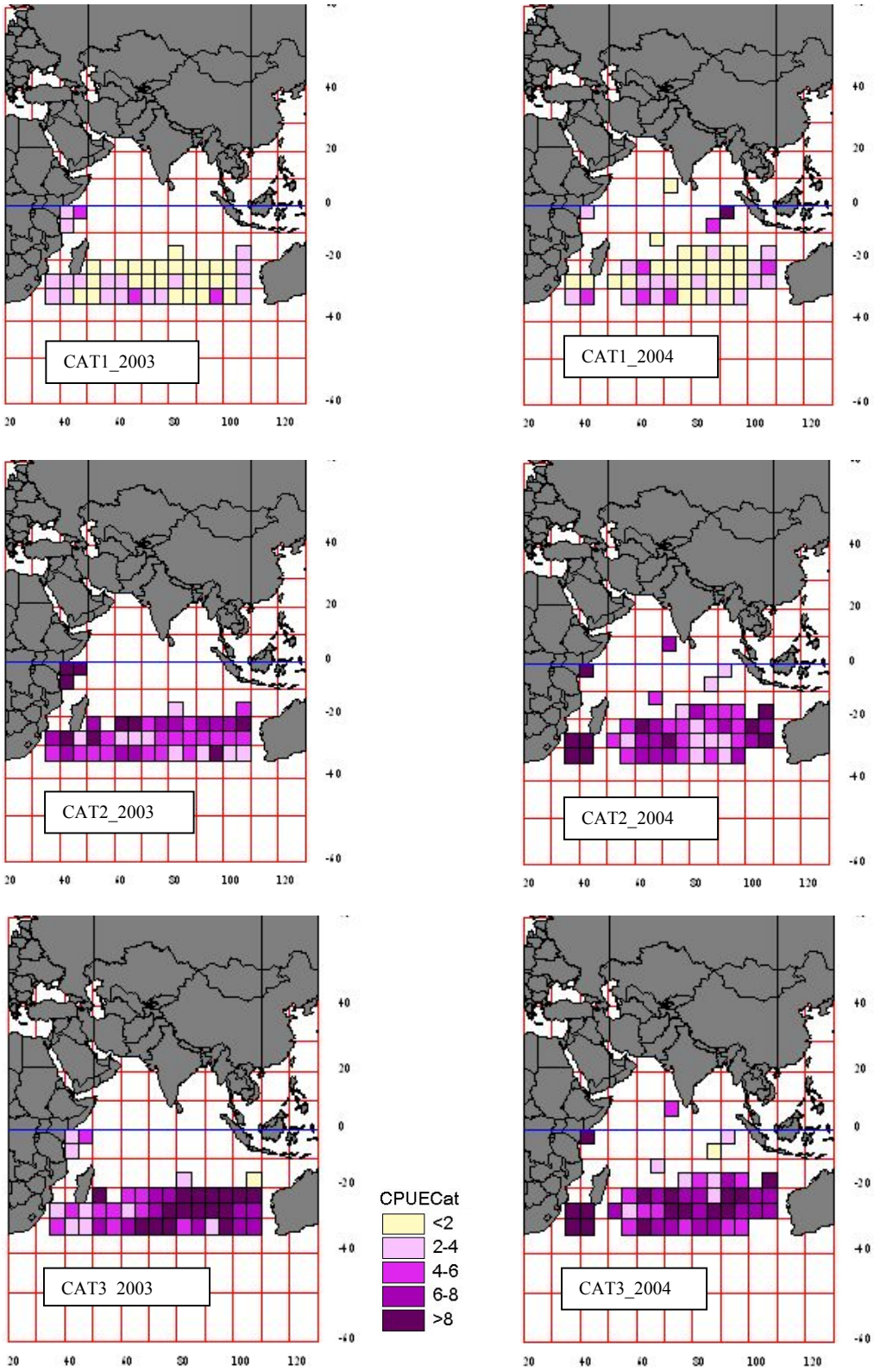

Figure 11. Nominal CPUE in number of swordfish by size class (cm, LJFL): CAT1< 125 cm; CAT2:125-160 cm; CAT3>160 cm; during 2003 (left) and 2004 (right) in the Indian ocean.

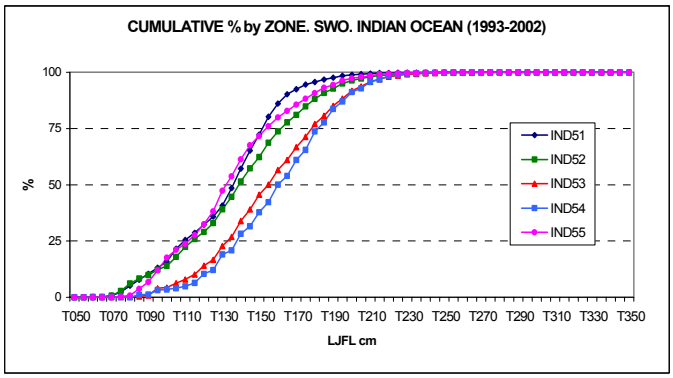

Figure 12. Swordfish size distribution (LJFL cm) expressed in cumulative percentage by geographic zone of the Indian Ocean, for all years combined (from GARCIA-CORTES & MEJUTO 2003).

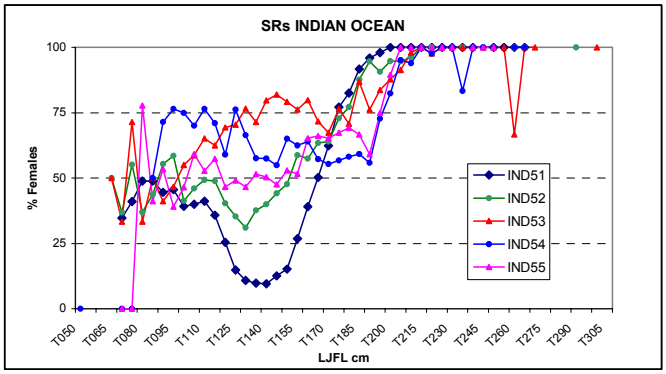

Figure 13. Different patterns of sex ratio at size for the swordfish (percentage of females) calculated for the geographic zones defined in the Indian Ocean, for all the years combined (from GARCIA-CORTES & MEJUTO 2003). Blue line represents the spawning type.

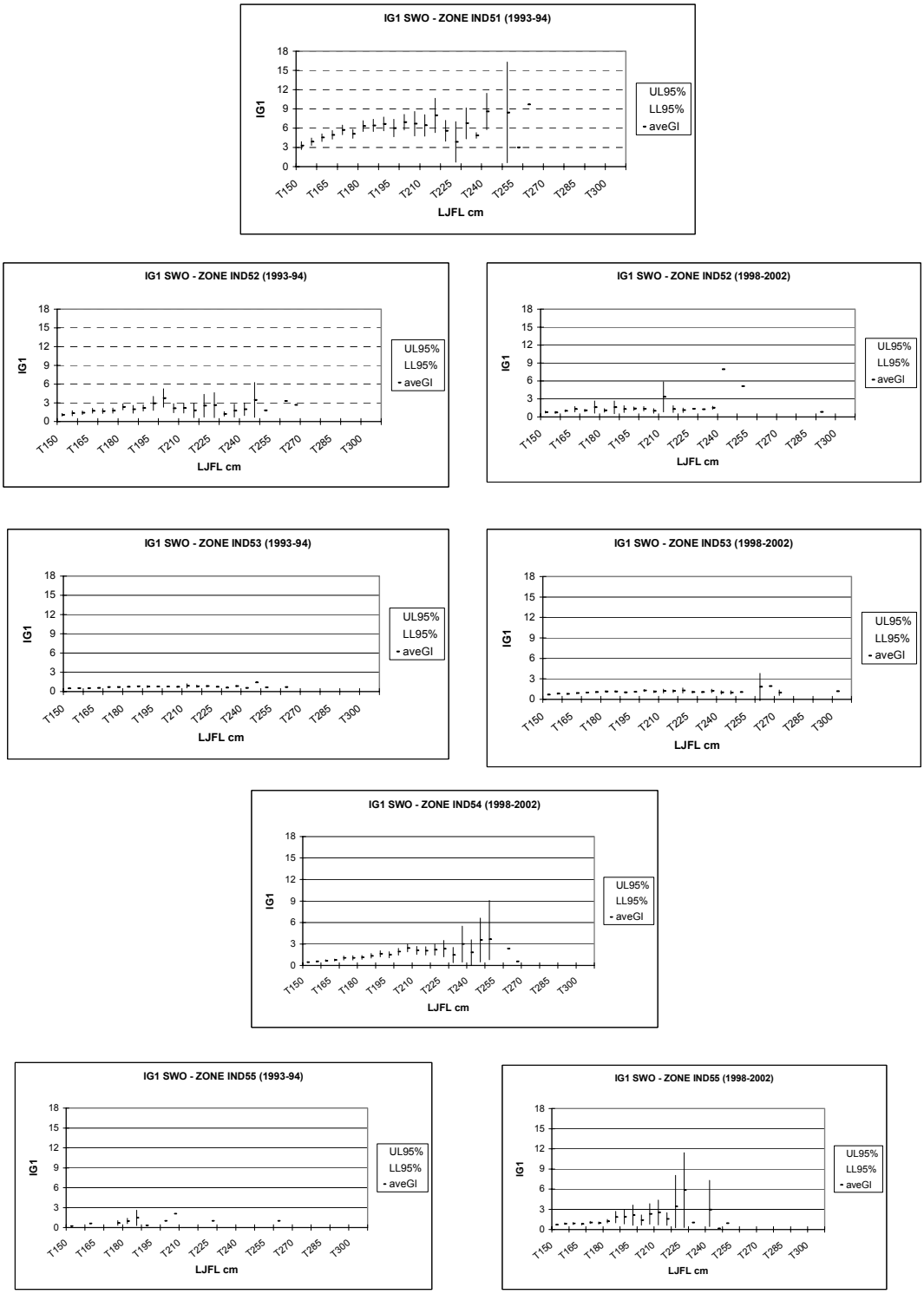

Figure 14. Average Gonadal Index values (ave GI) and their confidence intervals at 95% (UL95%: upper limit; LL95%: lower limit) by size class (LJFL cm), by geographic zone and for each time period analysed (from GARCIA-CORTES & MEJUTO 2003).

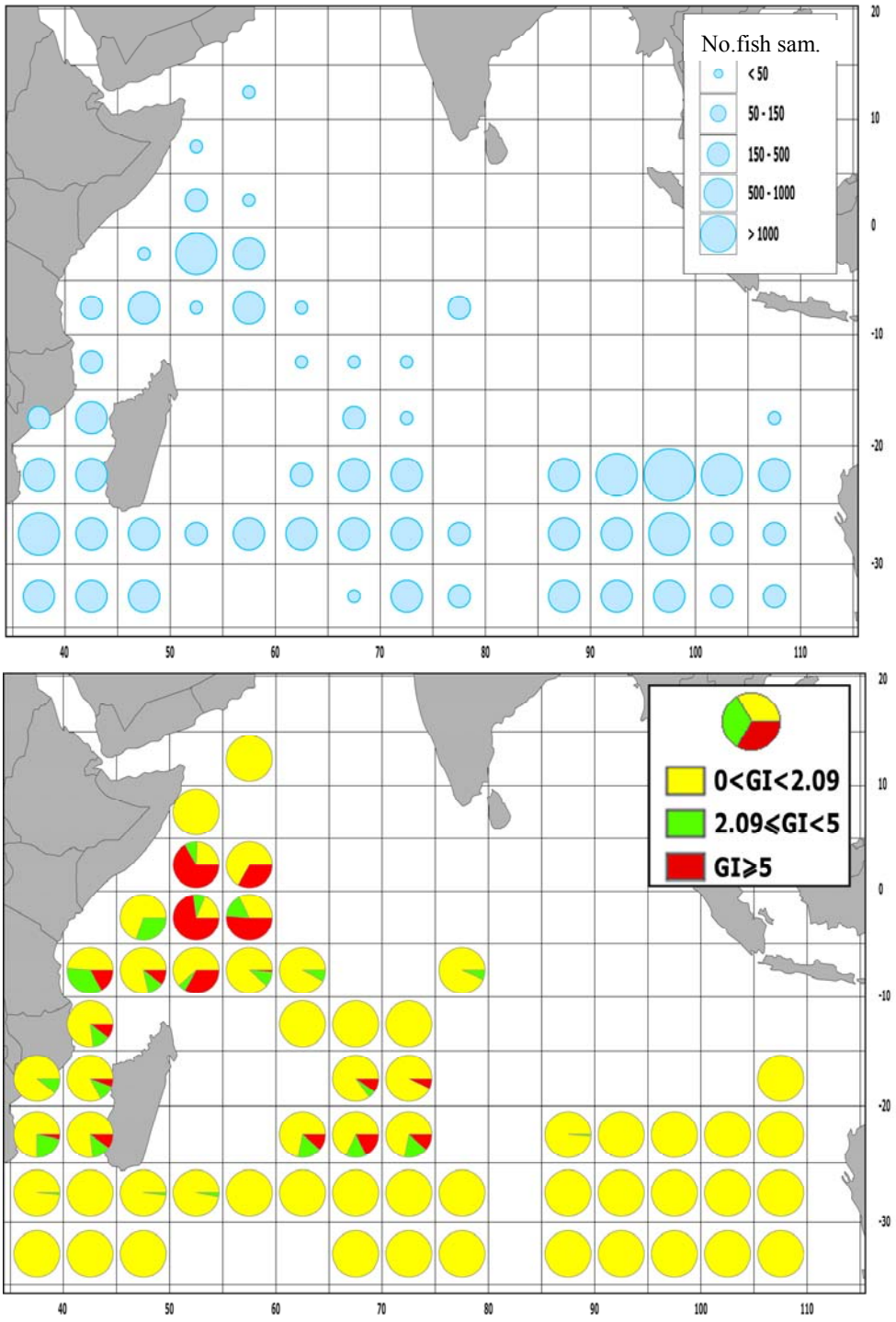

Figure 15. Number of female swordfish LJFL>150 cm sampled for GI1 calculations (upper plot) and prevalence of each (GI1) range defined (lower plot) by 5ºx5º squares in the Indian Ocean during the period 1993-2004.

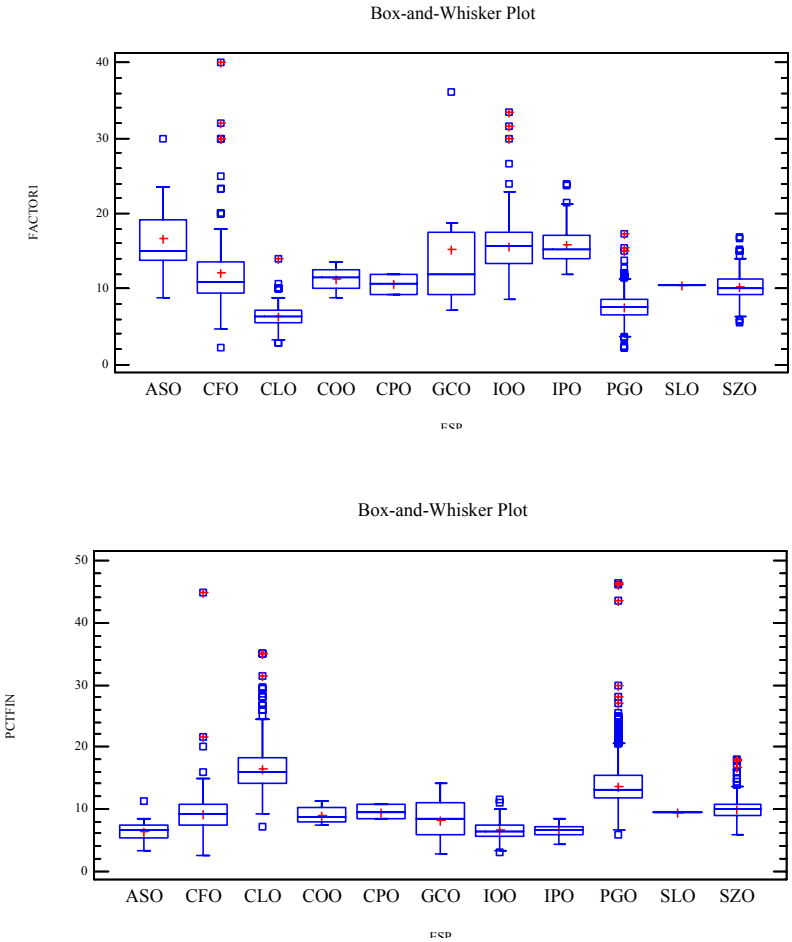

Figure 16. Box-and-Whisker plot of fin FACTOR and PCT_FIN obtained by each pelagic shark species (ESP), for the available observations of body dressed weight DW (observed and predicted body dressed weight records combined) (from MEJUTO & GARCIA-CORTES 2004). Species codes: *ALO:Alopias superciliosus; CFO: Carcharhinus falciformis; CLO: Carcharhinus longimanus; COO: Carcharhinus obscurus; CPO: Carcharhinus plumbeus; GCO: Galeocerdo cuvieri; IOO: Isurus oxyrhinchus; IPO: Isurus paucus; PGO: Prionace glauca; SLO: Sphyrna lewiini; SZO: Sphyrna zygaena*

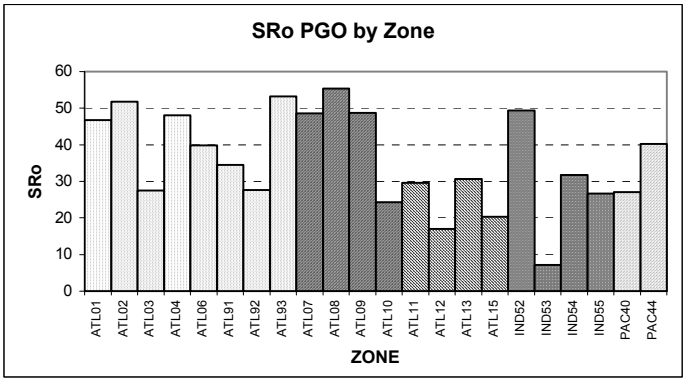

Figure 17. Overall sex ratio (SRo) of blue shark (PGO) obtained for each of the zones defined (from MEJUTO & GARCÍA-CORTÉS 2005).

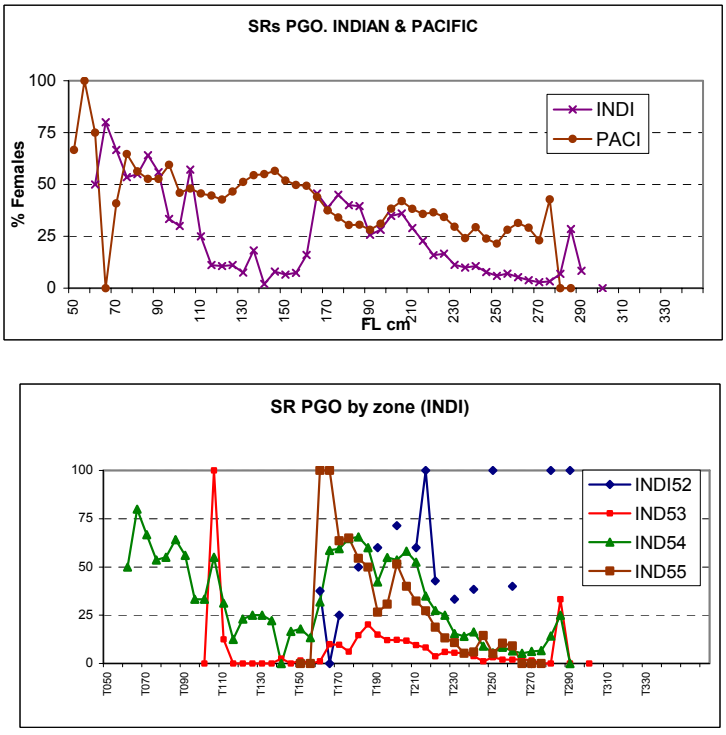

Figure 18. Sex ratio at size (SRs) values of blue shark (PGO) obtained for region and for each of the zones defined in the INDI region (from MEJUTO & GARCÍA-CORTÉS 2005).

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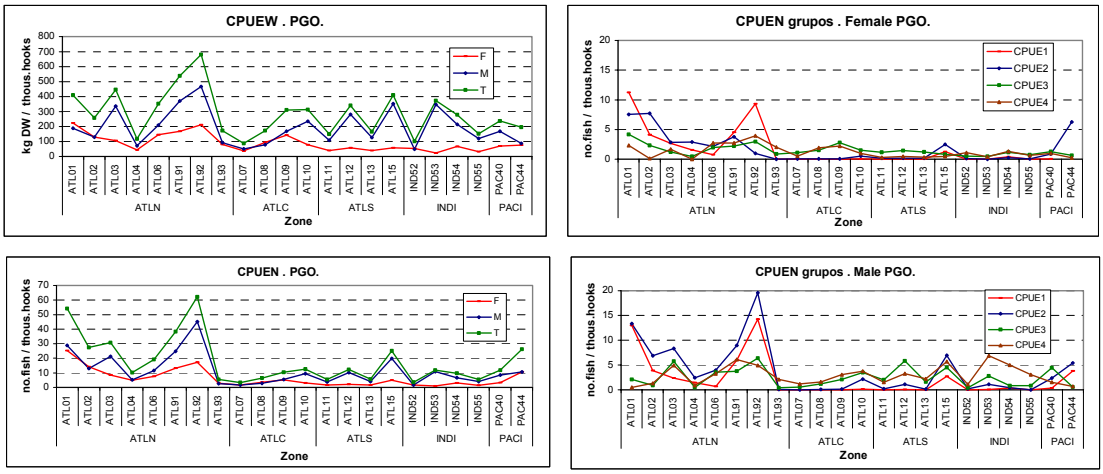

Figure 19. Nominal catch per unit of effort (CPUE), in number of blue shark (PGO) and in kg of dressed weight, for sizes combined, by zone, sex and sexes combined (left). CPUE in number of PGO fish by size categories (CAT), by zone, sex and sexes combined (right) (from MEJUTO & GARCÍA-CORTÉS 2005).

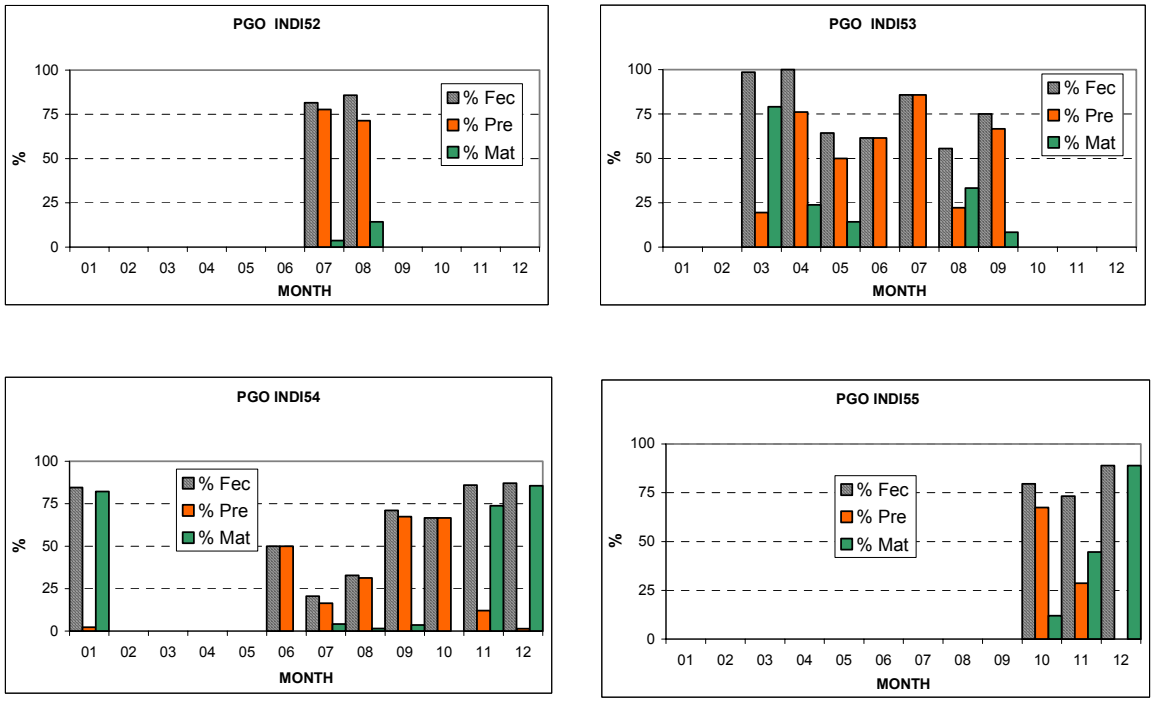

Figure 20. Prevalence of female blue shark (PGO) showing signs of fecundation (%Fec), of the females with mating injuries (%Mat) and pregnant females (%Pre), relative to the total number of females specifically analysed, by zones and months, in zones belonging to region INDI (INDI52-55) (from MEJUTO & GARCÍA-CORTÉS 2005).

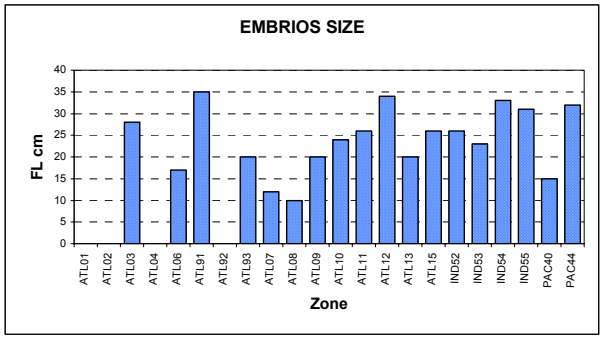

Figure 21. Mean embryo size (FL cm) observed in pregnant blue shark females, by zones of different oceans (from MEJUTO & GARCÍA-CORTÉS 2005).

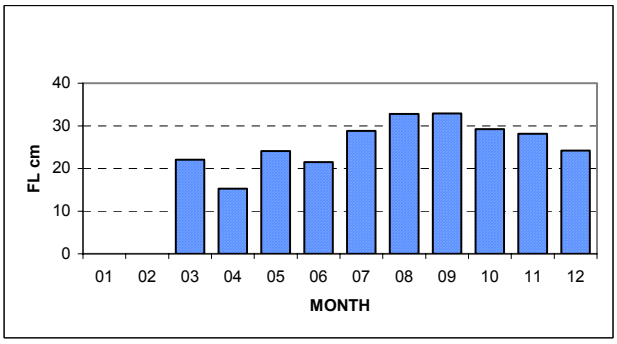

Figure 22. Mean embryo size (FL cm) in pregnant blue shark by month for the Indian Ocean region (INDI), (from MEJUTO & GARCÍA-CORTÉS 2005).

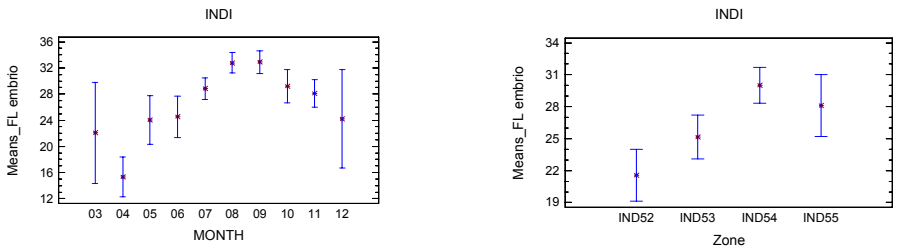

Figure 23. Effect of the variables month (left) and zone (right) on mean embryo size of blue shark (and 95% confidence intervals), within the Indian (INDI) region, (from MEJUTO & GARCÍA-CORTÉS 2005).