1992 Annual Report of the Sea Turtle Stranding and Salvage Network: Atlantic and Gulf Coasts of the United States

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SEA TURTLE STRANDING AND SALVAGE NETWORK (STSSN)

U.S. Atlantic and Gulf of Mexico

(July 1993)

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The Sea Turtle Stranding and Salvage Network (STSSN) was formally established in 1980 to collect information on and document strandings of marine turtles along the U.S. Gulf of Mexico and Atlantic coasts. The network encompasses the coastal areas of the eighteen state region from Maine through Texas, and includes portions of the U.S. Caribbean. Data are compiled through the efforts of network participants who document marine turtle strandings in their respective areas and contribute those data to the centralized STSSN data base.

This report summarizes marine turtle strandings documented through the efforts of the STSSN during calendar year 1992. These numbers are considered minimum stranding figures, as they are reported strandings only, not all stranding events. Effort expended in the collection of stranding data during 1992 varied both geographically and temporally. Coverage ranged from systematic weekly (or more frequent) sampling to opportunistic reporting in some areas.

A total of 1770 stranded marine turtles were reported during 1992. Of these, 1742 were "wild" strandings and the remaining 28 were known headstarted turtles. Headstarted turtles are hatched and raised in captivity for approximately one year before being tagged and released. Strandings of headstarted turtles are documented in Table 26, but are <u>not</u> included in any of the figures presented in the text or in the histograms. Strandings of headstarted turtles are excluded because they may represent a bias if their stranding was an artifact of captive rearing and release. Reports of incidentally captured turtles and live sighting reports received through the network were archived, but are not included in this report as these records were not considered to be true strandings. True strandings are defined as turtles, dead or alive (generally in a weakened condition), which wash ashore or are found floating.

Sixteen states reported strandings during the twelve month period. They are: Texas, Louisiana, Mississippi, Alabama, Florida, Georgia, South Carolina, North Carolina, Virginia, Maryland, Delaware, New Jersey, New York, Connecticut, Rhode Island and Massachusetts. No stranding reports were received from New Hampshire or Maine. For the U.S. Caribbean, records were received from Puerto Rico and the U.S. Virgin Islands.

ANNUAL COMPARISON

Figure 1 depicts annual stranding totals, 1980 - 1992, for all species combined over the entire network area. Direct annual comparisons are complicated by the variation in effort between and/or within years. Network-wide, data collection efforts have been most consistent since 1984. The 1992 stranding total of 1742 represents a 4.5% increase over the 1991 stranding total, and accounts for 7.7% of all reported strandings over the thirteen year period 1980-1992.

STATE AND REGIONAL DISTRIBUTION

Reported strandings during 1992 are summarized by state in Table 1 and Figure 2. Florida reported the highest number of strandings during 1992, accounting for 41% of the total (11% Florida-Gulf, 30% Florida-Atlantic). North Carolina accounted for 14% of the total reported strandings, followed by Texas, Georgia and Virginia accounting for 9%, 8% and 8%, respectively.

Regionally, 22.9% of total strandings were reported from the Gulf of Mexico (TX, LA, MS, AL, FL-Gulf), 58.0% from the southeast U.S. Atlantic (FL-Atlantic, GA, SC, NC), 16.1% from the northeast U.S. Atlantic (VA, MD, DE, NJ, NY, CT, RI, MA, NH, ME), and 3.0% from the U.S. Caribbean (PR, USVI). Stranding records are summarized on a detailed state by state basis in Tables 4-22. These tables summarize strandings by species and month (all counties combined) and by county and month (all species combined).

Network-wide, 74.6% of all reports were classified as offshore strandings and 25.4% were classified as inshore strandings. Offshore strandings are defined as strandings occurring on the ocean beaches, while inshore strandings are those occurring landward of the ocean coastline, primarily in bays and sounds. The regional distribution of inshore versus offshore strandings for 1992 (excluding the Caribbean) is as follows:

	GULF	SOUTHEAST U.S.	NORTHEAST U.S.
INSHORE	105 (26.3%)	164 (16.2%)	163 (58.2%)
OFFSHORE	294 (73.7%)	846 (83.8%)	117 (41.8%)

SPECIES COMPOSITION

Throughout the network, loggerheads (Caretta caretta) were the most frequently stranded species making up 64.5% (1123) of the total. Green turtles (Chelonia mydas) were the second most frequently reported species at 12.9% (225); Kemp's ridley (Lepidochelys kempi) strandings comprised 10.3% (179) of the total; leatherbacks (Dermochelys coriacea) accounted for 7.1% (123) of all reports; and hawksbills (Eretmochelys imbricata) were reported least frequently making up 2.7% (47) of the total. Turtles not identified to species accounted for 2.6% (45) of all reports. Figures 3-5 depict total strandings by species for the Gulf of Mexico, southeast U.S. Atlantic, and northeast U.S. Atlantic, respectively.

Within each region (excepting the Caribbean), loggerheads were the most frequently stranded species accounting for 47% (189), 73% (733), and 72% (201) of the region totals for the Gulf, southeast

U.S. Atlantic, and northeast U.S. Atlantic, respectively. In the Gulf of Mexico, Kemp's ridleys were the second most frequently stranded species comprising 29% (116) of the total, followed by green turtles comprising 13% (53), leatherbacks 3% (12), and hawksbills 2% (9). In the southeast U.S. Atlantic, green turtles were the second most frequently stranded species accounting for 15% (154) of all reports, with leatherbacks accounting for 7% (69), Kemp's ridleys 3% (31) and hawksbills <1% (5). In the northeast U.S. Atlantic, leatherback strandings accounted for 14% (40) of the region total, with Kemp's ridleys comprising 11% (32) and green turtles accounting for <1% (2). Hawksbills stranded most frequently in the U.S. Caribbean accounting for 62% (33) of all reports followed by green turtles accounting for 30% (8) and leatherbacks accounting for 4% (2).

As compared to 1991, strandings of loggerheads in 1992 increased 14% for all regions combined. This increase occurred only in the southeast U.S. Atlantic and northeast U.S. Atlantic regions, with strandings increasing from 622 to 733 and 157 to 201, respectively. Strandings of loggerheads in the Gulf of Mexico decreased from 206 in 1991 to 189 in 1992. No loggerhead strandings were reported from the U.S. Caribbean during this time period.

In 1992, hawksbill turtles stranded in increased numbers network-wide, up 47% over 1991 totals. This increase occurred primarily in the U.S. Caribbean, with strandings increasing from 8 to 33. Hawksbill strandings in the Gulf of Mexico increased from 7 to 9, while in the southeast U.S. Atlantic they decreased from 17 to 5. No hawksbill strandings were reported from the northeast U.S. Atlantic during 1992.

Strandings of leatherbacks in 1992 decreased 16% from 1991 totals for all regions combined. This decrease occurred in the southeast U.S. Atlantic and northeast U.S. Atlantic regions, with strandings decreasing from 78 to 69 and 59 to 40, respectively. Strandings of leatherbacks in the Gulf of Mexico increased from 8 in 1991 to 12 in 1992. Two leatherback strandings were reported from the U.S. Caribbean in 1992.

Network-wide, 1992 strandings of green turtles decreased 9% from 1991 levels. Strandings of green turtles decreased from 60 to 53 in the Gulf of Mexico, from 161 to 154 in the southeast U.S. Atlantic and from 25 to 16 in the U.S. Caribbean. Two green turtle strandings were reported from the northeast U.S. Atlantic in 1992, consistent with the 1991 total.

Strandings of Kemp's ridleys in 1992 decreased 7% from 1991 totals for all regions combined. This decrease occurred only in the southeast U.S. Atlantic region, with strandings decreasing from 51 to 31. Strandings of Kemp's ridleys in the Gulf of Mexico increased slightly from 108 in 1991 to 116 in 1992. Kemp's ridley strandings in the northeast U.S. Atlantic in 1992 remained

consistent with the 1991 level. No Kemp's ridley stranding has ever been reported to the STSSN from the U.S. Caribbean.

DISTRIBUTION BY STATISTICAL ZONE

Strandings were summarized by statistical zones to examine the geographic distribution within regions. The statistical zones utilized were originally designed by the Bureau of Commercial Fisheries (now NMFS) for shrimp catch and effort data collection and have subsequently been used to define areas where turtle excluder devices (TEDs) are required. The actual coastal areas encompassed by each of the zones are not equal. Tables 23-25 summarize 1992 strandings by month and zone for the Gulf of Mexico, southeast U.S. Atlantic and northeast U.S. Atlantic, respectively.

There are 23 zones in the U.S. Gulf of Mexico (Figure 6). Zones 1 through 21 are numbered consecutively along the Gulf coast from the Florida Keys to the Mexico border. Zones 24 and 25 are partial zones, shared with the southeast U.S. Atlantic region, and include the area west of longitude 80°30'. Total strandings by zone for the Gulf of Mexico are depicted in Figure 6. Strandings in the eastern Gulf of Mexico (zones 1-12, 24, 25) accounted for 55% (218) of the total, while strandings in the western Gulf (zones 13-21) accounted for the other 45% (181). Strandings in 1992 in zones 1, 17 and 18 increased substantially over 1991 levels, while large stranding decreases were noted in zones 8, 20 and 24. Strandings in all other zones in the Gulf of Mexico remained relatively consistent with the previous year's levels. Sixty-nine percent (69%) (80) of all Gulf Kemp's ridley strandings in 1992 were reported from the western Gulf (Texas and Louisiana coasts).

Thirteen statistical zones are defined by degree of latitude for the southeast U.S. Atlantic. Zones are numbered from south to north, based on the line of latitude which forms the southern boundary of the zone (Figure 7). Zones 24 and 25 are partial zones which include the area east of longitude 80°30'. Zone 36 is also a partial zone, ending at the North Carolina/Virginia border. Figure 7 depicts total southeast U.S. strandings by statistical zone. The highest stranding total was reported from zone 27 off the mid-Florida coast with 16% (166) of all southeast U.S. strandings occurring in this zone. Zones 30 and 35 accounted for the second and third highest stranding frequencies, comprising 15% and 10% of the region total, respectively. Zones 35 reported the largest number of southeast U.S. Atlantic Kemp's ridley strandings (9), followed by zone 31 (7), zone 30 (6) and zone 32 (5). Strandings of Kemp's ridleys in zones 30 and 31 decreased from a total of 35 in 1991 to only 13 in 1992, while strandings in other zones were comparable between the two years.

Nine statistical zones are defined for the northeast U.S. Atlantic beginning with the Virginia portion of Zone 36 and continuing north

through Zone 44, ending at the Canadian border (Figure 8). The northeast U.S. portion of zone 36 and zone 37 accounted for 51% of the total northeast U.S. strandings and primarily represent turtles stranding in Chesapeake Bay and along the Virginia barrier beaches. Strandings in zones 40 and 41 accounted for 32% of the total northeast U.S. strandings; about one third of these strandings were the result of cold-stunning as water temperatures dropped in November and December. Half (16) of all northeast U.S. Kemp's ridley strandings were reported cold-stunned in zone 41, with the majority of the remainder stranding in the Virginia portion of zone 36 during the summer months.

TEMPORAL DISTRIBUTION OF STRANDINGS

Table 2 summarizes 1992 strandings by state and month for all species combined. Table 3 summarizes strandings by species and month for all states combined. Figures 9-11 depict monthly stranding frequencies for 1990 and 1991 for the Gulf of Mexico, southeast U.S. Atlantic and northeast U.S. Atlantic, respectively.

The monthly frequency distribution for Gulf of Mexico strandings is presented in Figure 9. Strandings occurred in all months with peaks during April and July. Stranding levels in the Gulf of Mexico in 1992 were much higher than 1991 levels in April and May and much lower than 1991 levels during March, August and October. Strandings during all other months of 1992 remained relatively consistent with 1991 levels.

In the southeast U.S. Atlantic (Figure 10), strandings peaked during May - July. Strandings in 1992 increased dramatically over 1991 levels during July, August, September and November; conversely, stranding levels during January and April 1992 were less than half the number reported in 1991. Stranding totals in all other months remained consistent with 1991 levels.

In the northeast U.S. Atlantic (Figure 11), stranding peaks occurred during June and August, with 1992 strandings in these months being much higher than in 1991. Strandings in May dropped from 40 in 1991 to 0 in 1992. November and December strandings increased slightly in 1992 due to an increased number of cold-stunned turtles in New York and Massachusetts. Strandings in all other months remained consistent with 1991 levels.

CONDITION OF STRANDED TURTLES

Of 1742 stranded turtles, 89.5% were dead, 9.0% were alive, and the conditions of the remaining 1.5% were not recorded. Of the 156 live turtles, 33% were released, 37% subsequently died, and the fates of the remaining 47 turtles (30%) are unknown (many remain at rehabilitation facilities). A total of 159 turtles (9.1%) were

reported as necropsied. The conditions of the 1560 turtles stranded dead were reported as follows:

Fresh Dead	320 (18.4%)
Moderately Decomposed	682 (39.2%)
Severely Decomposed	482 (27.7%)
Dried Carcass	43 (2.5%)
Skeleton, Bones Only	33 (1.9%)

CARCASS ANOMALIES

Observations (not necessarily causes of death) recorded on stranding reports are coded as a permanent part of each stranding record. Selected carcass anomalies are summarized below; 1991 values are given for comparison. These figures are considered minimum percent occurrences, as a report form lacking remarks does not always indicate a "clean" turtle. Used herein, "entangled" implies washed ashore (i.e. a true stranding) with the entangling materials still attached to the turtle.

	1991	1992
Boat Related Injuries (Prop or Collision)	13.0%	10.3%
Carapace Damage (Unknown Cause)	10.4%	12.2%
Plastron Damage (Unknown Cause)	1.3%	2.1%
Skull Injuries	2.1%	2.5%
Skull Missing	2.2%	3.6%
Skull & Flipper(s) Combination Missing	7.0%	7.8%
Flipper(s) Missing (Unknown Cause)	8.0%	6.3%
Flipper(s) Missing (Man Induced)	0.1%	0.2%
Partial Flipper Damage (Unknown Cause)	6.1%	8.7%
Bullet Wounds	0.4%	0.3%
Apparent Shark Wounds	3.2%	2.4%
External Tumors	3.3%	2.8%
Apparent Deliberate Mutilation	1.9%	1.8%
Tar or Oil Impact	1.1%	0.2%
Cold Stun Related	2.2%	2.4%
Entangled in Fishing Line	1.3%	1.5%
Entangled in Fishing Net	0.6%	0.6%
Entangled in Non-Fishing Gear Materials	0.6%	0.3%
Rope(s) Tied to Flippers, Neck or Body	0.2%	0.1%
Fishing Line Protruding From Mouth or Cloaca	0.2%	0.1%
Fishing Hook in Mouth	0.4%	0.2%
Plastic Ingestion (Non-Fishing Gear)	5.8%*	3.8%*
Fishing Hook in Digestive Tract	1.2%*	1.3%*
Fishing Line in Digestive Tract	1.2%*	0.0%*

*Rates of occurrence of anomalies observable only upon necropsy are expressed as a percentage of turtles necropsied (1991, N=173; 1992, N=159).

ACKNOWLEDGEMENTS

I would like to thank the state coordinators (listed on the following pages) and network participants who spent countless hours locating and documenting stranded marine turtles during 1992. Your hard work and dedication to protecting marine turtles is truly appreciated.

Table 1. Marine turtle strandings reported from 1 January - 31 December 1992 by state and species of occurrence. All months are combined. Only states which reported strandings are included.

State	Species*						
	CC	CM	DC	EI	LK	UN	TOTAL
Texas	64	12	1	5	67	11	160
Louisiana	5	1	2	0	14	0	22
Mississippi	4	3	0	0	7	1	15
Alabama	2	0	0	0	2	0	4
Florida (Gulf)	114	37	9	4	26	8	198
Florida (Atlantic)	354	123	17	5	2	14	515
Georgia	121	1	11	0	11	0	144
South Carolina	66	2	34	0	6	2	110
North Carolina	192	28	7	0	12	2	241
Virginia	121	0	7	0	14	1	143
Maryland	14	0	1	0	0	0	15
Delaware	5	0	1	0	1	2	9
New Jersey	27	0	5	0	1	1	34
New York	16	1	9	0	7	0	33
Connecticut	1	0	0	0	0	0	1
Rhode Island	0	0	9	0	0	0	9
Massachusetts	17	1	8	0	9	1	36
Puerto Rico	0	11	1	30	0	2	44
U.S. Virgin Islands	0	5	1	3	0	0	9
TOTAL	1123	225	123	47	179	45	1742

*CC = C.caretta, CM = C.mydas, DC = D.coriacea, EI = E.imbricata, LK = L.kempi, UN = Unidentified

Table 2. Marine turtle strandings reported from 1 January - 31 December 1992 by state and month of occurrence. All species are combined.

STATE	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Texas	2	3	11	28	15	4	35	14	28	10	4	6	160
Louisiana	2	0	0	0	1	7	0	2	0	0	4	6	22
Mississippi	1	0	2	2	1	4	3	0	1	0	1	0	15
Alabama	0	0	0	0	0	0	0	2	1	0	1	0	4
Florida (Gulf)	12	17	19	39	30	24	16	11	5	6	9	10	198
Florida (Atl)	18	37	40	72	92	52	52	39	50	24	19	20	515
Georgia	0	0	1	5	25	25	36	24	21	6	1	0	144
South Carolina	1	0	0	7	39	16	20	7	7	9	3	1	110
North Carolina	4	2	5	8	18	35	27	22	11	20	80	9	241
Virginia	1	0	0	1	0	68	11	13	21	19	9	0	143
Maryland	0	0	0	0	0	4	4	4	2	0	1	0	15
Delaware	0	0	0	0	0	0	1	2	2	3	0	1	9
New Jersey	0	0	0	0	0	2	7	14	6	3	2	0	34
New York	2	0	0	0	0	1	1	9	3	2	1	14	33

(continued)

Table 2. Continued.

STATE	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Connecticut	0	0	0	0	0	0	0	1	0	0	0	0	1
Rhode Island	0	0	0	0	0	0	0	8	1	0	0	0	9
Massachusetts	1	0	0	0	0	0	1	1	3	3	6	21	36
Puerto Rico	3	7	8	6	1	0	5	5	3	3	3	0	44
Virgin Islands	2	0	0	2	0	1	1	2	0	0	0	1	9
TOTAL	49	66	86	170	222	243	220	180	165	108	144	89	1742

Table 3. Marine turtle strandings reported from 1 January - 31 December 1992 by species and month of occurrence. All states are combined.

SPECIES	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
C. caretta	12	22	40	108	136	186	159	126	127	63	96	48	1123
C. mydas	22	30	28	23	24	11	22	10	9	10	23	13	225
D. coriacea	5	3	5	10	35	17	5	18	6	6	7	6	123
E. imbricata	2	6	3	3	2	1	6	8	4	5	4	3	47
L. kempi	7	2	9	23	19	23	19	14	15	19	12	17	179
Unidentified	1	3	1	3	6	5	9	4	4	5	2	2	45
TOTAL	49	66	86	170	222	243	220	180	165	108	144	89	1742

Table 4(a). Marine turtle strandings reported from TEXAS, 1 January - 31 December 1992 by species and month of occurrence.

SPECIES	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
C. caretta	1	2	3	11	5	0	16	6	14	2	0	4	64
C. mydas	0	1	2	3	2	0	1	0	1	1	1	0	12
D. coriacea	0	0	0	0	0	0	1	0	0	0	0	0	1
E. imbricata	0	0	0	1	0	0	0	0	2	1	0	1	5
L. kempi	1	0	6	13	8	2	11	7	11	4	3	1	67
Unidentified	0	0	0	0	0	2	6	1	0	2	0	0	11
TOTAL	2	3	11	28	15	4	35	14	28	10	4	6	160

Table 4(b). Marine turtle strandings reported from TEXAS, 1 January - 31 December 1992 by county and month of occurrence. All species are combined. Only counties from which strandings were reported are included.

COUNTY	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Jefferson	0	0	1	3	3	0	2	1	6	1	0	0	17
Galveston	0	0	1	4	1	0	0	3	6	2	1	1	19
Brazoria	0	0	0	1	0	0	0	1	1	0	0	0	3
Matagorda	0	0	0	0	0	0	2	0	0	1	0	0	3
Calhoun	0	0	2	0	0	1	14	1	2	2	0	0	22
Aransas	0	0	0	1	2	0	1	0	0	0	0	0	4
Nueces	1	0	3	9	5	1	10	2	8	3	1	0	43
Kleberg	0	0	2	4	2	0	3	1	4	0	1	2	19
Kenedy	1	3	2	5	1	1	1	3	1	1	0	2	21
Willacy	0	0	0	1	1	0	0	0	0	0	0	1	3
Cameron	0	0	0	0	0	1	2	2	0	0	1	0	6
TOTAL	2	3	11	28	15	4	35	14	28	10	4	6	160

Table 5(a). Marine turtle strandings reported from LOUISIANA, 1 January - 31 December 1992 by species and month of occurrence.

SPECIES	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
C. caretta	0	0	0	0	0	1	0	1	0	0	2	1	5
C. mydas	0	0	0	0	0	0	0	0	0	0	0	1	1
D. coriacea	0	0	0	0	0	0	0	0	0	0	1	1	2
E. imbricata	0	0	0	0	0	0	0	0	0	0	0	0	0
L. kempi	2	0	0	0	1	6	0	1	0	0	1	3	14
Unidentified	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	2	0	0	0	1	7	0	2	0	0	4	6	22

Table 5(b). Marine turtle strandings reported from LOUISIANA, 1 January - 31 December 1992 by parish and month of occurrence. All species are combined. Only parishes from which strandings were reported are included.

PARISH	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Orleans	0	0	0	0	0	0	0	0	0	0	0	1	1
Jefferson	2	0	0	0	0	1	0	0	0	0	3	0	6
Lafourche	0	0	0	0	0	0	0	0	0	0	1	5	6
Cameron	0	0	0	0	1	6	0	2	0	0	0	0	9
TOTAL	2	0	0	0	1	7	0	2	0	0	4	6	22

Table 6(a). Marine turtle strandings reported from MISSISSIPPI, 1 January - 31 December 1992 by species and month of occurrence.

SPECIES	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
C. caretta	0	0	0	1	0	1	2	0	0	0	0	0	4
C. mydas	0	0	1	1	0	0	0	0	0	0	1	0	3
D. coriacea	0	0	0	0	0	0	0	0	0	0	0	0	0
E. imbricata	0	0	0	0	0	0	0	0	0	0	0	0	0
L. kempi	1	0	1	0	1	3	1	0	0	0	0	0	7
Unidentified	0	0	0	0	0	0	0	0	1	0	0	0	1
TOTAL	1	0	2	2	1	4	3	0	1	0	1	0	15

Table 6(b). Marine turtle strandings reported from MISSISSIPPI, 1 January - 31 December 1992 by county and month of occurrence. All species are combined. Only counties from which strandings were reported are included.

COUNTY	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Jackson	1	0	2	1	0	2	1	0	1	0	0	0	8
Harrison	0	0	0	1	1	2	1	0	0	0	1	0	6
Hancock	0	0	0	0	0	0	1	0	0	0	0	0	1
TOTAL	1	0	2	2	1	4	3	0	1	0	1	0	15

Table 7(a). Marine turtle strandings reported from ALABAMA, 1 January - 31 Decemember 1992 by species and month of occurrence.

SPECIES	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
C. caretta	0	0	0	0	0	0	0	1	1	0	0	0	2
C. mydas	0	0	0	0	0	0	0	0	0	0	0	0	0
D. coriacea	0	0	0	0	0	0	0	0	0	0	0	0	0
E. imbricata	0	0	0	0	0	0	0	0	0	0	0	0	0
L. kempi	0	0	0	0	0	0	0	1	0	0	1	0	2
Unidentified	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	2	1	0	1	0	4

Table 7(b). Marine turtle strandings reported from ALABAMA, 1 January - 31 December 1992 by county and month of occurrence. All species are combined. Only counties from which strandings were reported are included.

COUNTY	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Baldwin	0	0	0	0	0	0	0	0	1	0	0	0	1
Mobile	0	0	0	0	0	0	0	2	0	0	1	0	3
TOTAL	0	0	0	0	0	0	0	2	1	0	1	0	4

Table 8(a). Marine turtle strandings reported from FLORIDA (GULF), 1 January - 31 December 1992 by species and month of occurrence.

SPECIES	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
C. caretta	2	5	12	23	18	15	11	10	2	3	8	5	114
C. mydas	9	10	4	5	4	1	0	0	1	0	0	3	37
D. coriacea	0	1	1	3	0	3	0	0	0	1	0	0	9
E. imbricata	0	0	0	0	0	0	1	1	0	1	1	0	4
L. kempi	1	1	1	7	5	4	2	0	2	1	0	2	26
Unidentified	0	0	1	1	3	1	2	0	0	0	0	0	8
TOTAL	12	17	19	39	30	24	16	11	5	6	9	10	198

Table 8(b). Marine turtle strandings reported from FLORIDA (GULF), 1 January - 31 December 1992 by county and month of occurrence. All species are combined. Only counties from which strandings were reported are included.

COUNTY	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Monroe	8	7	6	5	6	4	2	5	0	1	2	4	50
Collier	0	2	0	2	0	0	2	0	0	0	1	0	7
Lee	0	0	2	6	1	6	3	1	2	2	0	1	24
Charlotte	0	1	0	2	1	0	0	1	0	0	0	0	5
Sarasota	0	0	3	5	4	3	1	1	1	0	1	0	19
Manatee	1	1	1	1	1	0	0	0	0	1	1	0	7
Hillsborough	0	0	1	1	1	0	0	1	0	0	1	0	5
Pinellas	3	6	4	1	3	1	0	0	0	0	1	1	20
Citrus	0	0	0	1	0	0	1	0	0	0	0	0	2
Levy	0	0	0	0	0	0	0	0	0	1	0	0	1
Franklin	0	0	0	2	0	0	1	0	0	0	1	0	4
Gulf	0	0	1	0	4	2	4	1	0	1	0	1	14
Bay	0	0	1	3	4	3	2	0	1	0	1	1	16
Walton	0	0	0	2	0	0	0	0	0	0	0	1	3
Okaloosa	0	0	0	0	4	1	0	0	0	0	0	1	6
Santa Rosa	0	0	0	1	0	1	0	0	0	0	0	0	2
Escambia	0	0	0	7	1	3	0	1	1	0	0	0	13
TOTAL	12	17	19	39	30	24	16	11	5	6	9	10	198

Table 9(a). Marine turtle strandings reported from FLORIDA (ATLANTIC), 1 January - 31 December 1992 by species and month of occurrence.

SPECIES	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
C. caretta	3	14	23	58	72	43	34	29	42	19	9	8	354
C. mydas	9	18	14	10	17	6	16	9	6	3	7	8	123
D. coriacea	5	2	2	2	0	1	1	0	0	1	2	1	17
E. imbricata	0	0	0	0	1	1	0	1	0	1	0	1	5
L. kempi	0	0	1	1	0	0	0	0	0	0	0	0	2
Unidentified	1	3	0	1	2	1	1	0	2	0	1	2	14
TOTAL	18	37	40	72	92	52	52	39	50	24	19	20	515

Table 9(b). Marine turtle strandings reported from FLORIDA (ATLANTIC), 1 January - 31 December 1992 by county and month of occurrence. All species are combined. Only counties from which strandings were reported are included.

COUNTY	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Nassau	1	0	0	2	6	3	1	3	6	1	0	0	23
Duval	2	0	5	5	10	4	0	1	5	1	1	0	34
St. John's	1	0	0	10	10	5	3	0	0	2	1	0	32
Flagler	0	0	1	8	0	1	0	2	1	0	2	0	15
Volusia	0	0	2	17	8	2	4	8	7	7	2	2	59
Brevard	2	7	8	7	13	9	9	8	13	5	3	5	89
Indian River	6	6	8	7	5	4	2	3	4	0	3	3	51
St. Lucie	2	10	5	5	10	3	9	4	7	1	6	3	65
Martin	1	4	4	6	11	5	2	1	4	1	0	3	42
Palm Beach	1	6	5	4	7	8	11	7	1	2	1	2	55
Broward	0	1	0	0	5	5	7	1	1	2	1	2	22
Dade	2	3	2	1	7	2	4	1	1	2	0	0	25
Monroe	0	0	0	0	0	1	0	0	0	0	0	2	3
TOTAL	18	37	40	72	92	52	52	39	50	24	19	20	515

Table 10(a). Marine turtle strandings reported from GEORGIA, 1 January - 31 December 1992 by species and month of occurrence

SPECIES	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
C. caretta	0	0	0	3	16	24	34	22	20	2	0	0	121
C. mydas	0	0	0	0	0	0	0	0	0	0	1	0	1
D. coriacea	0	0	1	1	8	1	0	0	0	0	0	0	11
E. imbricata	0	0	0	0	0	0	0	0	0	0	0	0	0
L. kempi	0	0	0	1	1	0	2	2	1	4	0	0	11
Unidentified	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	1	5	25	25	36	24	21	6	1	0	144

Table 10(b). Marine turtle strandings reported from GEORGIA, 1 January - 31 December 1992 by county and month of occurrence. All species are combined. Only counties from which strandings were reported are included.

COUNTY	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Chatham	0	0	0	0	7	5	2	3	3	0	0	0	20
Liberty	0	0	0	1	2	0	0	1	2	0	0	0	6
McIntosh	0	0	0	0	2	2	1	3	3	0	0	0	11
Glynn	0	0	0	1	5	4	7	5	6	4	0	0	32
Camden	0	0	1	3	9	14	26	12	7	2	1	0	75
TOTAL	0	0	1	5	25	25	36	24	21	6	1	0	144

Table 11(a). Marine turtle strandings reported from SOUTH CAROLINA, 1 January - 31 December 1992 by species and month of occurrence.

SPECIES	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
C. caretta	1	0	0	4	9	12	19	6	7	6	2	0	66
C. mydas	0	0	0	0	1	0	0	0	0	1	0	0	2
D. coriacea	0	0	0	3	26	4	0	0	0	0	0	1	34
E. imbricata	0	0	0	0	0	0	0	0	0	0	0	0	0
L. kempi	0	0	0	0	2	0	1	0	0	2	1	0	6
Unidentified	0	0	0	0	1	0	0	1	0	0	0	0	2
TOTAL	1	0	0	7	39	16	20	7	7	9	3	1	110

Table 11(b). Marine turtle strandings reported from SOUTH CAROLINA, 1 January - 31 December 1992 by county and month of occurrence. All species are combined. Only counties from which strandings were reported are included.

COUNTY	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Horry	0	0	0	0	0	3	3	0	0	0	0	0	6
Georgetown	0	0	0	0	0	1	3	0	3	8	2	0	17
Charleston	0	0	0	3	21	12	8	6	3	1	0	1	55
Colleton	0	0	0	0	5	0	1	1	0	0	0	0	7
Beaufort	1	0	0	4	13	0	5	0	1	0	1	0	25
TOTAL	1	0	0	7	39	16	20	7	7	9	3	1	110

Table 12(a). Marine turtle strandings reported from NORTH CAROLINA, 1 January - 31 December 1992 by species and month of occurrence.

SPECIES	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
C. caretta	2	1	2	7	16	25	22	20	11	14	65	7	192
C. mydas	1	0	3	0	0	3	4	0	0	3	13	1	28
D. coriacea	0	0	0	0	1	4	0	0	0	1	1	0	7
E. imbricata	0	0	0	0	0	0	0	0	0	0	0	0	0
L. kempi	1	1	0	1	1	3	1	1	0	1	1	1	12
Unidentified	0	0	0	0	0	0	0	1	0	1	0	0	2
TOTAL	4	2	5	8	18	35	27	22	11	20	80	9	241

Table 12(b). Marine turtle strandings reported from NORTH CAROLINA, 1 January - 31 December 1992 by county and month of occurrence. All species are combined. Only counties from which strandings were reported are included.

COUNTY	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Currituck	0	0	0	0	1	1	0	0	0	1	14	0	17
Dare	3	2	1	0	3	10	2	7	5	8	44	3	88
Hyde	0	0	2	4	0	0	0	2	0	3	3	1	15
Pamlico	0	0	0	0	0	0	0	1	0	0	0	0	1
Carteret	1	0	2	4	3	15	19	5	0	5	19	5	78
Onslow	0	0	0	0	6	7	4	3	1	2	0	0	23
Pender	0	0	0	0	1	1	1	0	1	0	0	0	4
New Hanover	0	0	0	0	0	0	0	0	0	1	0	0	1
Brunswick	0	0	0	0	4	1	1	4	4	0	0	0	14
TOTAL	4	2	5	8	18	35	27	22	11	20	80	9	241

Table 13(a). Marine turtle strandings reported from VIRGINIA, 1 January - 31 December 1992 by species and month of occurrence.

SPECIES	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
C. caretta	1	0	0	1	0	59	10	11	20	12	7	0	121
C. mydas	0	0	0	0	0	0	0	0	0	0	0	0	0
D. coriacea	0	0	0	0	0	4	1	1	0	0	1	0	7
E. imbricata	0	0	0	0	0	0	0	0	0	0	0	0	0
L. kempi	0	0	0	0	0	4	0	1	1	7	1	0	14
Unidentified	0	0	0	0	0	1	0	0	0	0	0	0	1
TOTAL	1	0	0	1	0	68	11	13	21	19	9	0	143

Table 13(b). Marine turtle strandings reported from VIRGINIA, 1 January - 31 December 1992 by county and month of occurrrence. All species are combined. Only counties from which strandings were reported are included.

COUNTY	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Accomack	0	0	0	0	0	1	2	3	0	1	0	0	7
Northampton	0	0	0	0	0	16	2	0	0	1	0	0	19
Northumberland	0	0	0	0	0	3	0	0	0	0	0	0	3
Lancaster	0	0	0	0	0	1	0	0	0	0	0	0	1
Mathews	0	0	0	0	0	6	0	0	1	0	0	0	7
Gloucester	0	0	0	0	0	4	0	1	0	0	0	0	5
York	0	0	0	0	0	2	1	1	1	0	0	0	5
Hampton	0	0	0	1	0	8	1	1	1	1	1	0	14
Newport News	0	0	0	0	0	1	0	0	0	0	0	0	1
Norfolk	1	0	0	0	0	10	1	2	5	1	1	0	21
Virginia Beach	0	0	0	0	0	16	4	5	13	15	7	0	60
TOTAL	1	0	0	1	0	68	11	13	21	19	9	0	143

Table 14(a). Marine turtle strandings reported from MARYLAND, 1 January - 31 December 1992 by species and month of occurrence.

SPECIES	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
C. caretta	0	0	0	0	0	4	4	4	1	0	1	0	14
C. mydas	0	0	0	0	0	0	0	0	0	0	0	0	0
D. coriacea	0	0	0	0	0	0	0	0	1	0	0	0	1
E. imbricata	0	0	0	0	0	0	0	0	0	0	0	0	0
L. kempi	0	0	0	0	0	0	0	0	0	0	0	0	0
Unidentified	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	4	4	4	2	0	1	0	15

Table 14(b). Marine turtle strandings reported from MARYLAND, 1 January - 31 December 1992 by county and month of occurrrence. All species are combined. Only counties from which strandings were reported are included.

COUNTY	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Anne Arundel	0	0	0	0	0	0	0	1	1	0	0	0	2
St. Marys	0	0	0	0	0	1	0	0	0	0	0	0	1
Queen Anne's	0	0	0	0	0	0	0	0	1	0	0	0	1
Talbot	0	0	0	0	0	0	2	0	0	0	1	0	3
Dorchester	0	0	0	0	0	1	0	0	0	0	0	0	1
Worcester	0	0	0	0	0	2	2	3	0	0	0	0	7
TOTAL	0	0	0	0	0	4	4	4	2	0	1	0	15

Table 15(a). Marine turtle strandings reported from DELAWARE, 1 January - 31 December 1992 by species and month of occurrence.

SPECIES	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
C. caretta	0	0	0	0	0	0	0	1	1	2	0	1	5
C. mydas	0	0	0	0	0	0	0	0	0	0	0	0	0
D. coriacea	0	0	0	0	0	0	0	1	0	0	0	0	1
E. imbricata	0	0	0	0	0	0	0	0	0	0	0	0	0
L. kempi	0	0	0	0	0	0	1	0	0	0	0	0	1
Unidentified	0	0	0	0	0	0	0	0	1	1	0	0	2
TOTAL	0	0	0	0	0	0	1	2	2	3	0	1	9

Table 15(b). Marine turtle strandings reported from DELAWARE, 1 January - 31 December 1992 by county and month of occurrrence. All species are combined. Only counties from which strandings were reported are included.

COUNTY	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Sussex	0	0	0	0	0	0	1	2	2	3	0	1	9
TOTAL	0	0	0	0	0	0	1	2	2	3	0	1	9

Table 16(a). Marine turtle strandings reported from NEW JERSEY, 1 January - 31 December 1992 by species and month of occurrence.

SPECIES	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
C. caretta	0	0	0	0	0	2	6	10	6	2	1	0	27
C. mydas	0	0	0	0	0	0	0	0	0	0	0	0	0
D. coriacea	0	0	0	0	0	0	1	2	0	1	1	0	5
E. imbricata	0	0	0	0	0	0	0	0	0	0	0	0	0
L. kempi	0	0	0	0	0	0	0	1	0	0	0	0	1
Unidentified	0	0	0	0	0	0	0	1	0	0	0	0	1
TOTAL	0	0	0	0	0	2	7	14	6	3	2	0	34

Table 16(b). Marine turtle strandings reported from NEW JERSEY, 1 January - 31 December 1992 by county and month of occurrrence. All species are combined. Only counties from which strandings were reported are included.

COUNTY	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Monmouth	0	0	0	0	0	0	3	7	0	0	0	0	10
Ocean	0	0	0	0	0	1	2	2	3	1	1	0	10
Atlantic	0	0	0	0	0	0	1	1	0	0	1	0	3
Cape May	0	0	0	0	0	1	1	2	3	2	0	0	9
Cumberland	0	0	0	0	0	0	0	2	0	0	0	0	2
TOTAL	0	0	0	0	0	2	7	14	6	3	2	0	34

Table 17(a). Marine turtle strandings reported from NEW YORK, 1 January - 31 December 1992 by species and month of occurrence.

SPECIES	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
C. caretta	2	0	0	0	0	0	1	4	2	1	1	5	16
C. mydas	0	0	0	0	0	0	0	0	0	1	0	0	1
D. coriacea	0	0	0	0	0	0	0	5	1	0	0	3	9
E. imbricata	0	0	0	0	0	0	0	0	0	0	0	0	0
L. kempi	0	0	0	0	0	1	0	0	0	0	0	6	7
Unidentified	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	2	0	0	0	0	1	1	9	3	2	1	14	33

Table 17(b). Marine turtle strandings reported from NEW YORK, 1 January - 31 December 1992 by county and month of occurrrence. All species are combined. Only counties from which strandings were reported are included.

COUNTY	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Suffolk	2	0	0	0	0	1	0	9	1	1	1	13	28
Nassau	0	0	0	0	0	0	1	0	1	1	0	1	4
Bronx	0	0	0	0	0	0	0	0	1	0	0	0	1
TOTAL	2	0	0	0	0	1	1	9	3	2	1	14	33

Table 18(a). Marine turtle strandings reported from CONNECTICUT, 1 January - 31 December 1992 by species and month of occurrence.

SPECIES	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
C. caretta	0	0	0	0	0	0	0	1	0	0	0	0	1
C. mydas	0	0	0	0	0	0	0	0	0	0	0	0	0
D. coriacea	0	0	0	0	0	0	0	0	0	0	0	0	0
E. imbricata	0	0	0	0	0	0	0	0	0	0	0	0	0
L. kempi	0	0	0	0	0	0	0	0	0	0	0	0	0
Unidentified	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	1	0	0	0	0	1

Table 18(b). Marine turtle strandings reported from CONNECTICUT, 1 January - 31 December 1992 by county and month of occurrrence. All species are combined. Only counties from which strandings were reported are included.

COUNTY	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
New Haven	0	0	0	0	0	0	0	1	0	0	0	0	1
TOTAL	0	0	0	0	0	0	0	1	0	0	0	0	1

Table 19(a). Marine turtle strandings reported from RHODE ISLAND, 1 January - 31 December 1992 by species and month of occurrence.

SPECIES	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
C. caretta	0	0	0	0	0	0	0	0	0	0	0	0	0
C. mydas	0	0	0	0	0	0	0	0	0	0	0	0	0
D. coriacea	0	0	0	0	0	0	0	8	1	0	0	0	9
E. imbricata	0	0	0	0	0	0	0	0	0	0	0	0	0
L. kempi	0	0	0	0	0	0	0	0	0	0	0	0	0
Unidentified	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	8	1	0	0	0	9

Table 19(b). Marine turtle strandings reported from RHODE ISLAND, 1 January - 31 December 1992 by county and month of occurrrence. All species are combined. Only counties from which strandings were reported are included.

COUNTY	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Newport	0	0	0	0	0	0	0	3	0	0	0	0	3
Washington	0	0	0	0	0	0	0	5	1	0	0	0	6
TOTAL	0	0	0	0	0	0	0	8	1	0	0	0	9

Table 20(a). Marine turtle strandings reported from MASSACHUSETTS, 1 January - 31 December 1992 by species and month of occurrence.

SPECIES	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
C. caretta	0	0	0	0	0	0	0	0	0	0	0	17	17
C. mydas	0	0	0	0	0	0	0	0	0	1	0	0	1
D. coriacea	0	0	0	0	0	0	1	1	3	2	1	0	8
E. imbricata	0	0	0	0	0	0	0	0	0	0	0	0	0
L. kempi	1	0	0	0	0	0	0	0	0	0	4	4	9
Unidentified	0	0	0	0	0	0	0	0	0	0	1	0	1
TOTAL	1	0	0	0	0	0	1	1	3	3	6	21	36

Table 20(b). Marine turtle strandings reported from MASSACHUSETTS, 1 January - 31 December 1992 by county and month of occurrrence. All species are combined. Only counties from which strandings were reported are included.

COUNTY	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Bristol	0	0	0	0	0	0	0	0	2	0	0	0	2
Dukes	0	0	0	0	0	0	0	1	1	0	0	0	2
Barnstable	1	0	0	0	0	0	1	0	0	2	6	20	30
Plymouth	0	0	0	0	0	0	0	0	0	1	0	1	2
TOTAL	1	0	0	0	0	0	1	1	3	3	6	21	36

Table 21. Marine turtle strandings reported from PUERTO RICO, 1 January - 31 December 1992 by species and month of occurrence.

SPECIES	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
C. caretta	0	0	0	0	0	0	0	0	0	0	0	0	0
C. mydas	1	1	4	3	0	0	1	0	1	0	0	0	11
D. coriacea	0	0	1	0	0	0	0	0	0	0	0	0	1
E. imbricata	2	6	3	2	1	0	4	5	2	2	3	0	30
L. kempi	0	0	0	0	0	0	0	0	0	0	0	0	0
Unidentified	0	0	0	1	0	0	0	0	0	1	0	0	2
TOTAL	3	7	8	6	1	0	5	5	3	3	3	0	44

Table 22. Marine turtle strandings reported from U.S. VIRGIN ISLANDS, 1 January - 31 December 1992 by species and month of occurrence.

SPECIES	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
C. caretta	0	0	0	0	0	0	0	0	0	0	0	0	0
C. mydas	2	0	0	1	0	1	0	1	0	0	0	0	5
D. coriacea	0	0	0	1	0	0	0	0	0	0	0	0	1
E. imbricata	0	0	0	0	0	0	1	1	0	0	0	1	3
L. kempi	0	0	0	0	0	0	0	0	0	0	0	0	0
Unidentified	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	2	0	0	2	0	1	1	2	0	0	0	1	9

Table 23. Marine turtle strandings reported from GULF REGION, 1 January - 31 December 1992 by species and month of occurrence.

STATISTICAL ZONE	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
ZONE 24	5	4	4	4	2	4	2	3	0	0	1	2	31
ZONE 25	0	0	0	0	1	0	0	0	0	0	0	0	1
ZONE 1	3	3	2	1	3	0	0	2	0	1	1	2	18
ZONE 2	0	0	0	0	0	0	0	0	0	0	0	0	0
ZONE 3	0	2	0	0	0	0	0	0	0	0	0	0	2
ZONE 4	0	1	3	10	2	6	4	2	2	2	1	1	34
ZONE 5	3	5	7	8	8	4	2	2	1	1	4	1	46
ZONE 6	1	2	1	1	1	0	1	0	0	1	0	0	8
ZONE 7	0	0	0	2	1	0	1	0	0	0	0	0	4
ZONE 8	0	0	2	3	7	5	6	1	1	1	2	2	30
ZONE 9	0	0	0	3	4	1	0	1	0	0	0	2	11
ZONE 10	0	0	0	7	1	4	0	0	2	0	0	0	14
ZONE 11	1	0	2	2	1	3	2	2	1	0	2	0	16
ZONE 12	0	0	0	0	0	1	1	0	0	0	0	1	3
ZONE 13	1	0	0	0	0	1	0	0	0	0	0	0	2
ZONE 14	1	0	0	0	0	0	0	0	0	0	4	5	10
ZONE 15	0	0	0	0	0	0	0	0	0	0	0	0	0
ZONE 16	0	0	0	0	0	0	0	0	0	0	0	0	0
ZONE 17	0	0	0	0	1	6	0	3	0	0	0	0	10
ZONE 18	0	0	2	7	4	0	2	4	13	3	1	1	37
ZONE 19	0	0	2	2	2	1	17	1	2	3	0	0	30
ZONE 20	2	2	7	16	8	1	13	4	13	4	2	3	75
ZONE 21	0	1	0	3	1	2	3	4	0	0	1	2	17
TOTAL	17	20	32	69	47	39	54	29	35	16	19	22	399

Table 24. Marine turtle strandings reported from SOUTHEAST REGION, 1 January - 31 December 1992 by species and month of occurrence.

STATISTICAL ZONE	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
ZONE 24	0	0	0	0	0	0	0	0	0	0	0	0	0
ZONE 25	2	3	2	1	7	4	5	1	1	3	0	2	31
ZONE 26	1	7	5	3	14	13	17	8	2	4	1	2	77
ZONE 27	9	21	18	20	24	11	14	8	19	2	10	10	166
ZONE 28	2	6	7	10	14	9	8	8	11	7	2	4	88
ZONE 29	0	0	3	24	7	5	5	10	6	4	5	2	71
ZONE 30	4	0	6	17	35	23	29	16	18	6	2	0	156
ZONE 31	0	0	0	2	14	11	10	12	14	4	0	0	67
ZONE 32	1	0	0	5	39	12	11	7	4	1	1	1	82
ZONE 33	0	0	0	2	6	6	10	4	7	8	2	0	45
ZONE 34	1	0	2	3	10	19	21	6	2	8	19	3	94
ZONE 35	3	2	3	5	3	12	5	11	1	11	40	6	102
ZONE 36	0	0	0	0	1	3	0	1	4	1	21	0	31
TOTAL	23	39	46	92	174	128	135	92	89	59	103	30	1010

Table 25. Marine turtle strandings reported from NORTHEAST REGION, 1 January - 31 December 1992 by species and month of occurrence.

STATISTICAL ZONE	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Zone 36	1	0	0	0	0	26	4	6	18	16	8	0	79
ZONE 37	0	0	0	1	0	42	6	7	3	3	1	0	63
ZONE 38	0	0	0	0	0	5	6	6	4	5	1	1	28
ZONE 39	0	0	0	0	0	1	4	7	5	1	2	0	20
ZONE 40	2	0	0	0	0	0	4	17	4	2	1	5	35
ZONE 41	1	0	0	0	0	1	1	9	4	2	6	30	54
ZONE 42	0	0	0	0	0	0	0	0	0	1	0	0	1
TOTAL	4	0	0	1	0	75	25	52	38	30	19	36	280

Table 26. Strandings of headstarted turtles reported through the STSSN, 1 January - 31 December 1992.

Species: Lepidochelys kempi

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Texas	1	0	2	3	2	4	1	2	2	2	0	0	19
Louisiana	0	0	0	0	1	0	1	2	1	0	0	0	5
Florida (Gulf)	0	0	1	0	0	0	0	0	0	0	0	0	1
TOTAL	1	0	3	3	3	4	2	4	3	2	0	0	25

Species: Caretta caretta

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Mississippi	0	0	0	1	0	0	0	0	0	0	0	0	1
Florida (Gulf)	0	0	1	0	0	0	0	0	0	0	0	0	1
Florida (Atlantic)	0	1	0	0	0	0	0	0	0	0	0	0	1
TOTAL	0	1	1	1	0	0	0	0	0	0	0	0	3

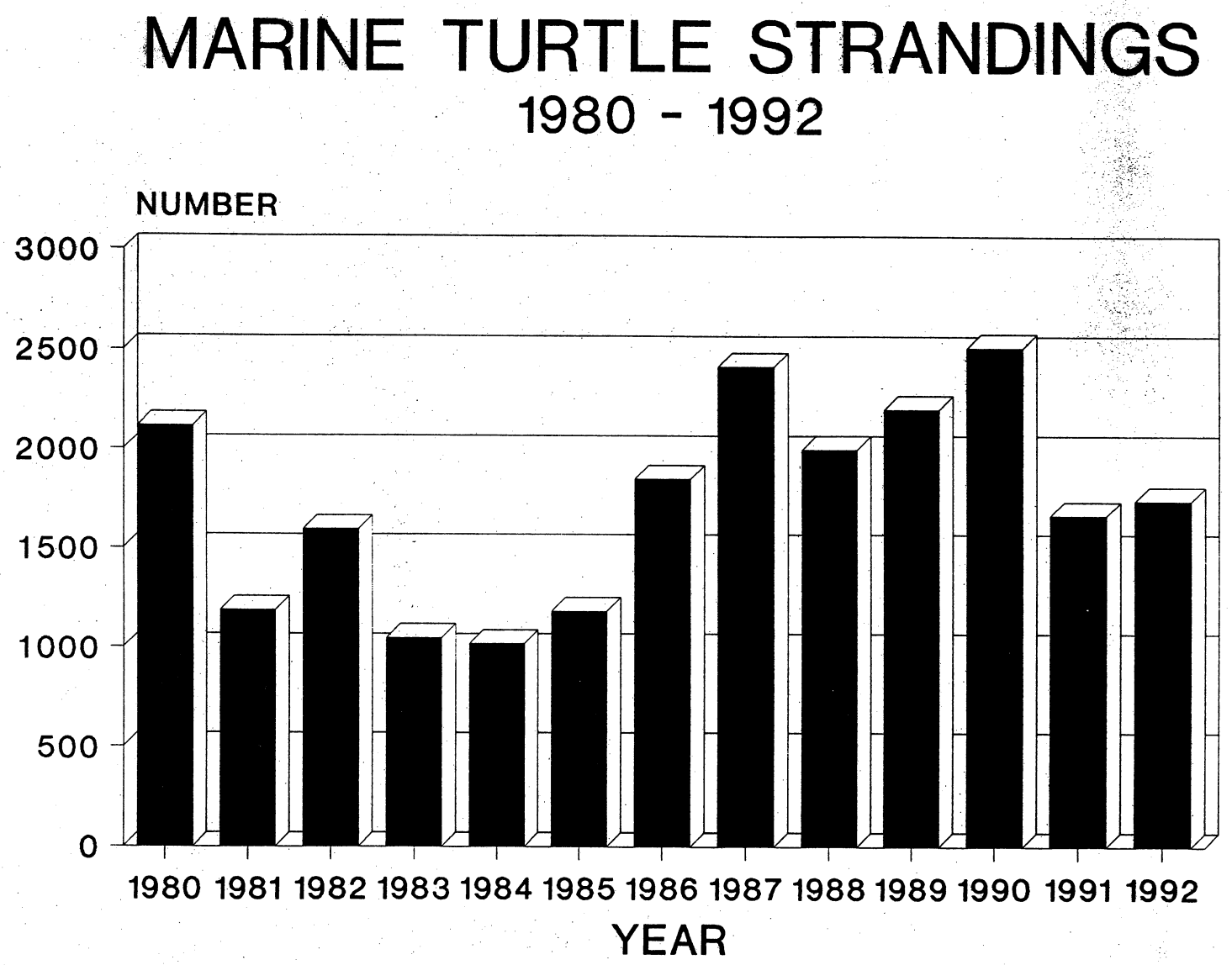

Figure 1. Marine turtle strandings reported annually from the U.S. Atlantic and Gulf of Mexico, 1980 - 1992. All species are combined.

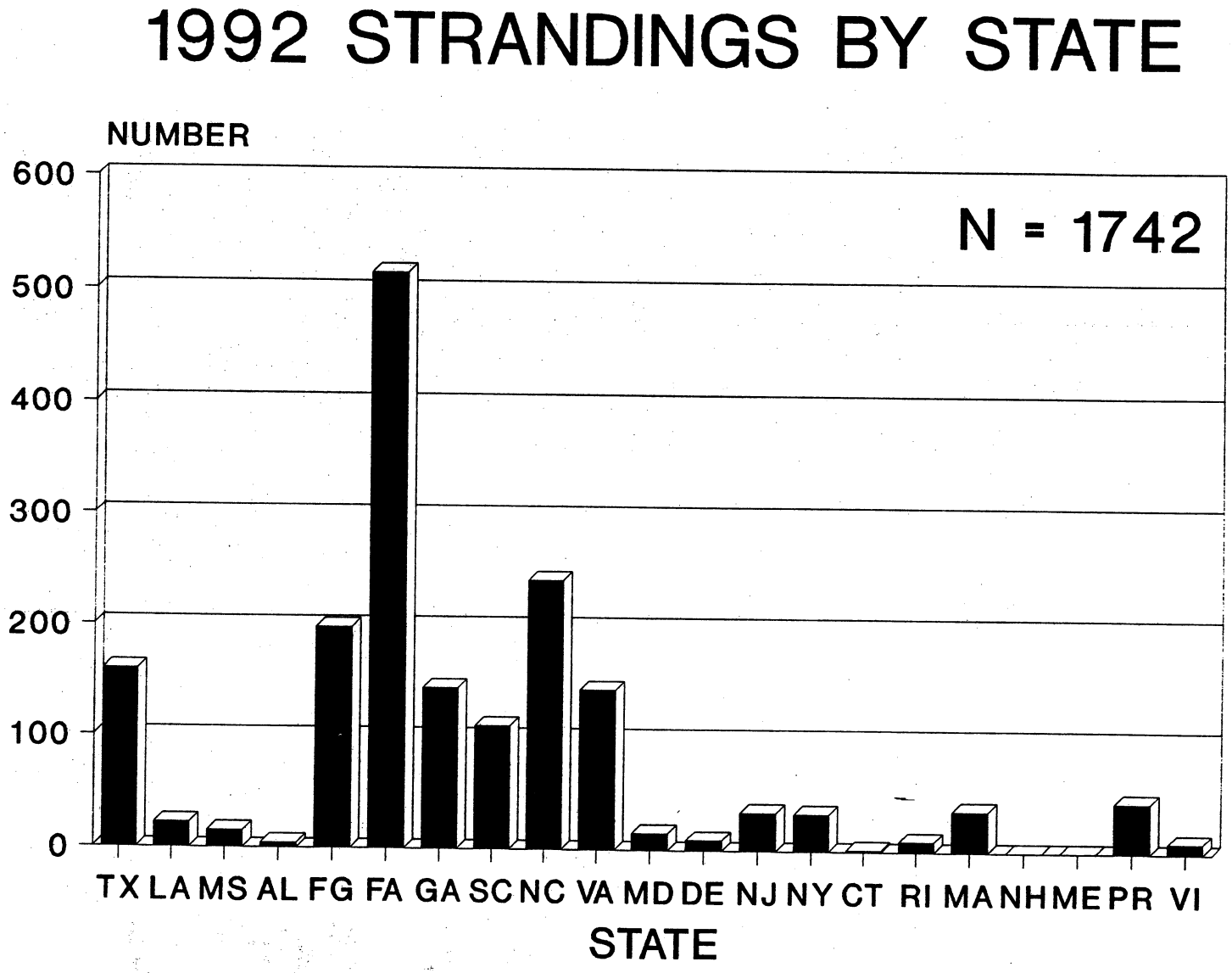

Figure 2. Marine turtle strandings reported from the U.S. Atlantic and Gulf of Mexico, 1992. FG = Florida (Gulf), FA = Florida (Atlantic).

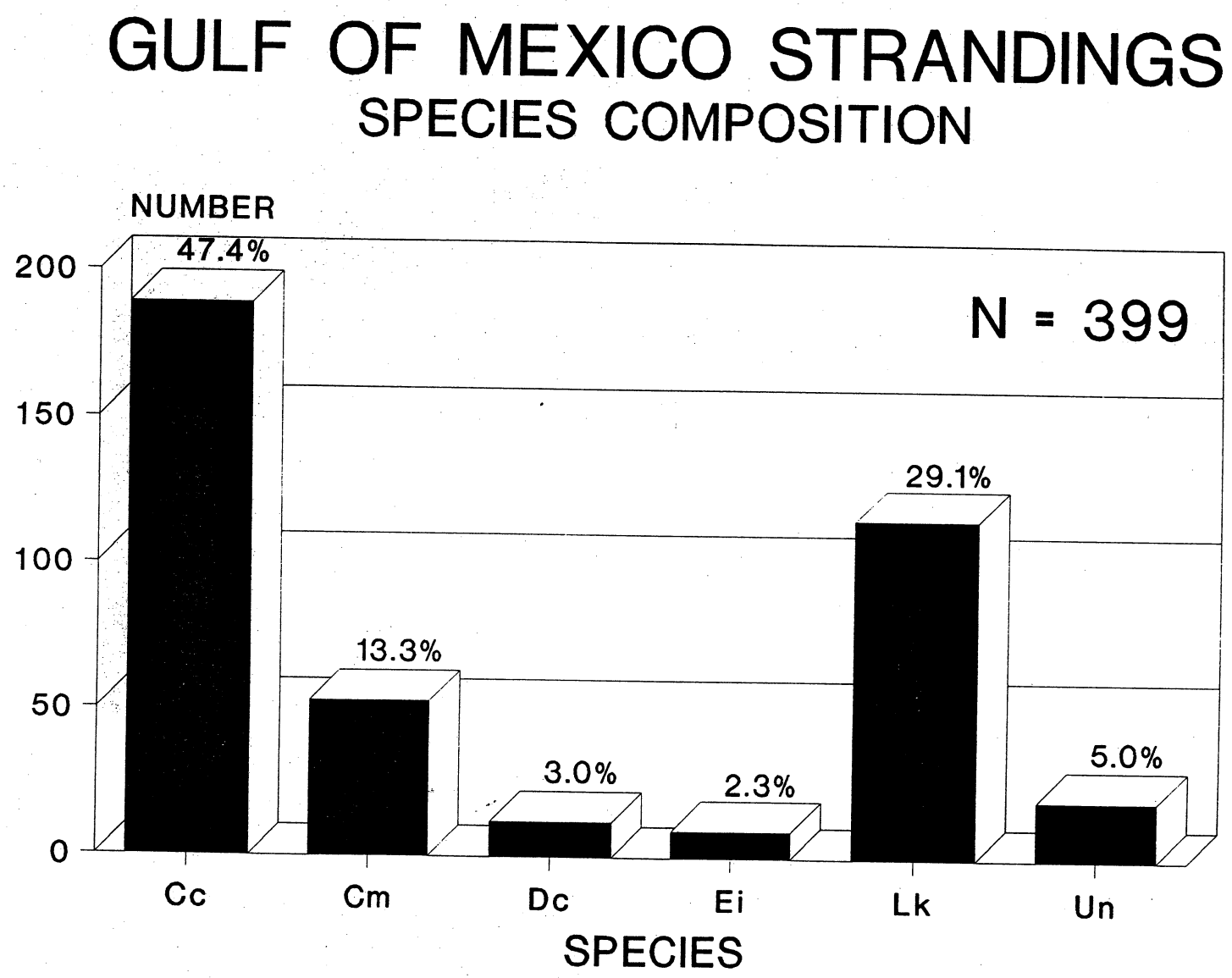

Figure 3. Species composition of stranded marine turtles reported from the Gulf of Mexico, 1992.

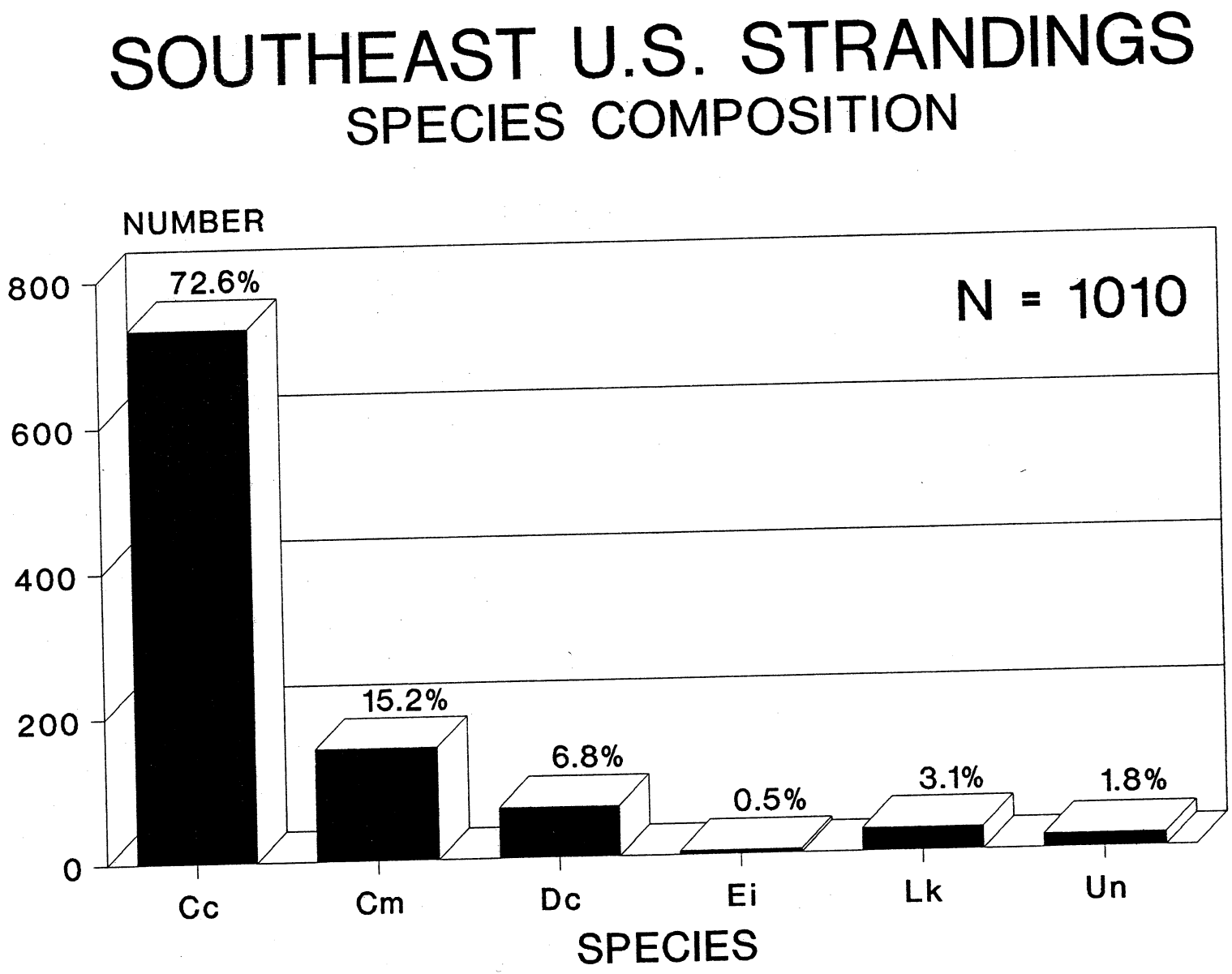

Figure 4. Species composition of stranded marine turtles reported from the southeast U.S. Atlantic, 1992.

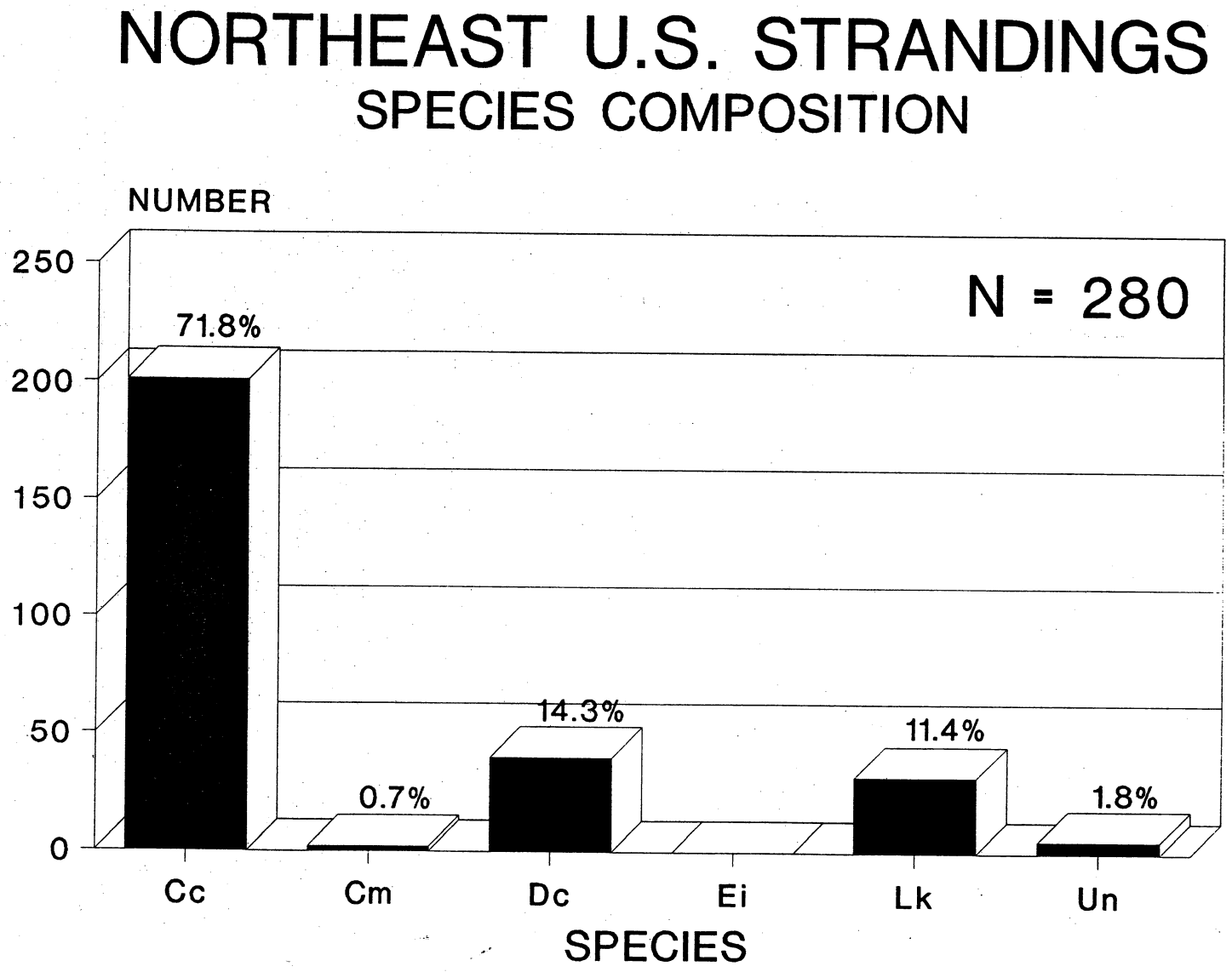

Figure 5. Species composition of stranded marine turtles reported from the northeast U.S. Atlantic, 1992.

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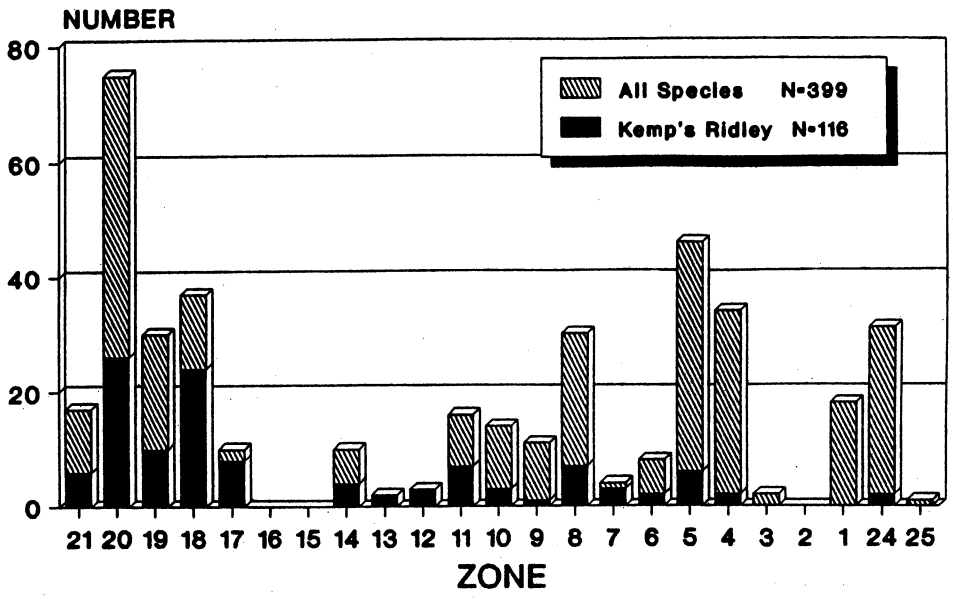


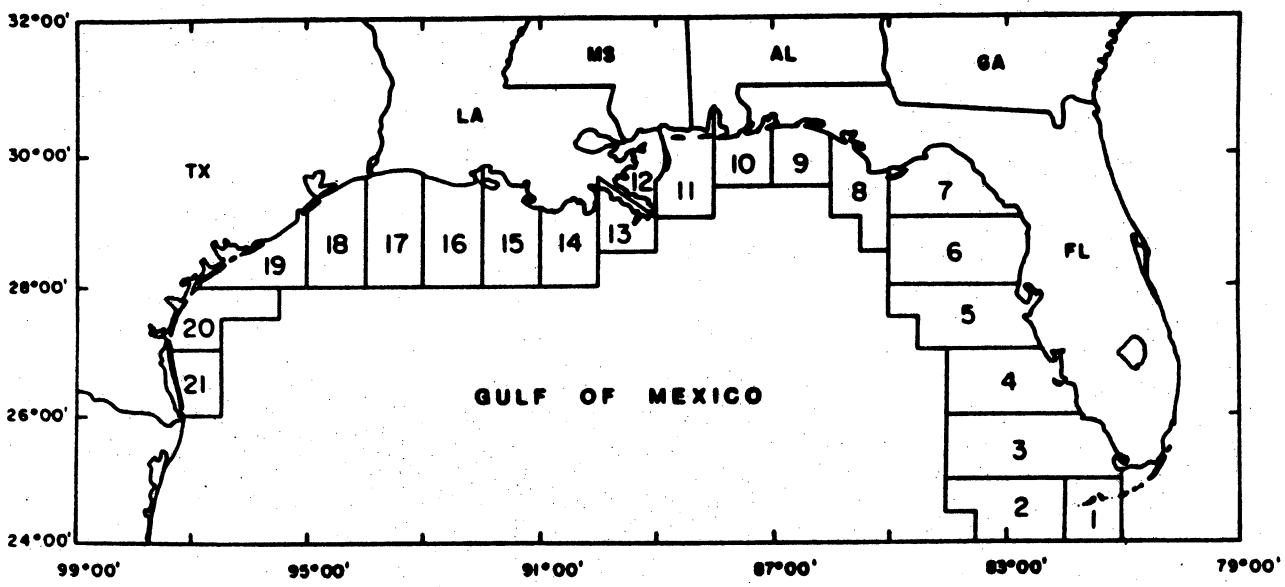
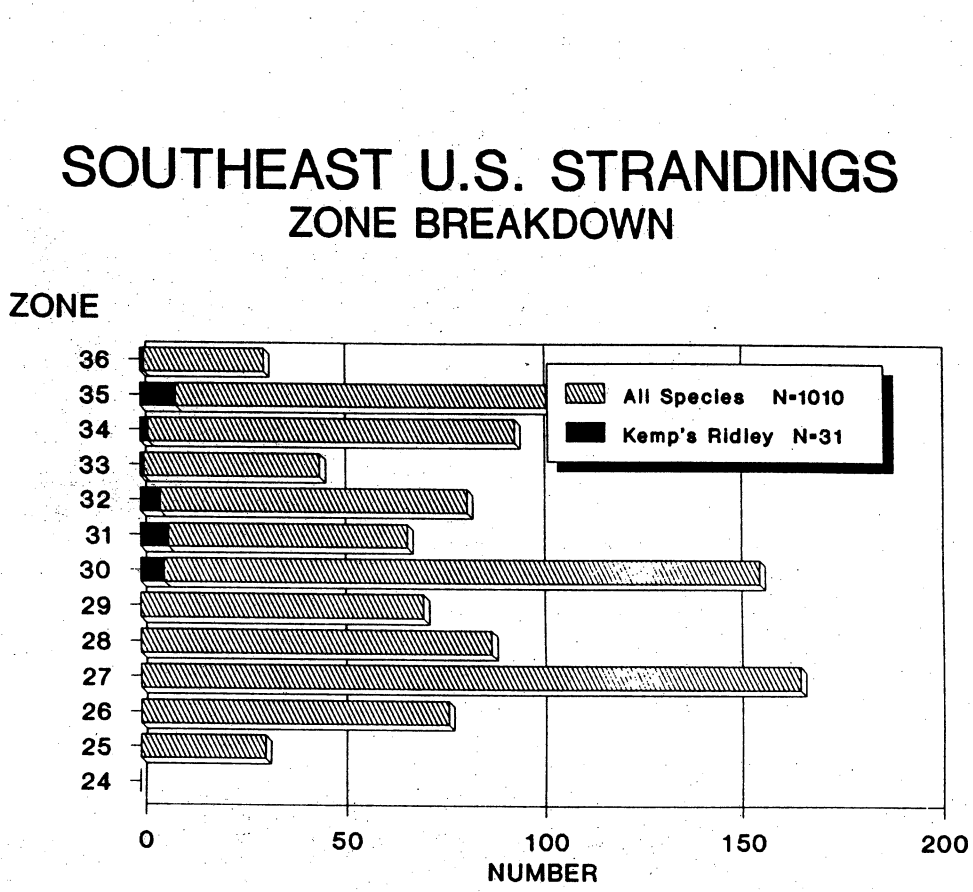


Figure 6. Marine turtle strandings reported from the Gulf of Mexico by statistical zone, 1992.



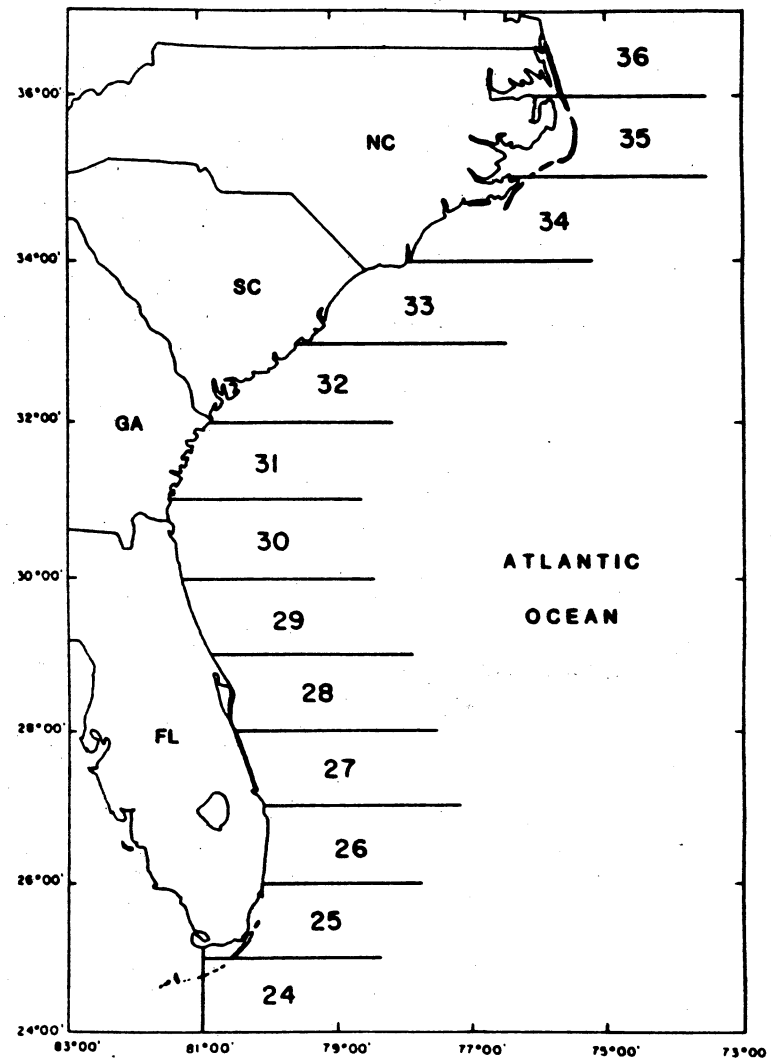


Figure 7. Marine turtle strandings reported from the southeast U.S. Atlantic by statistical zone, 1992.

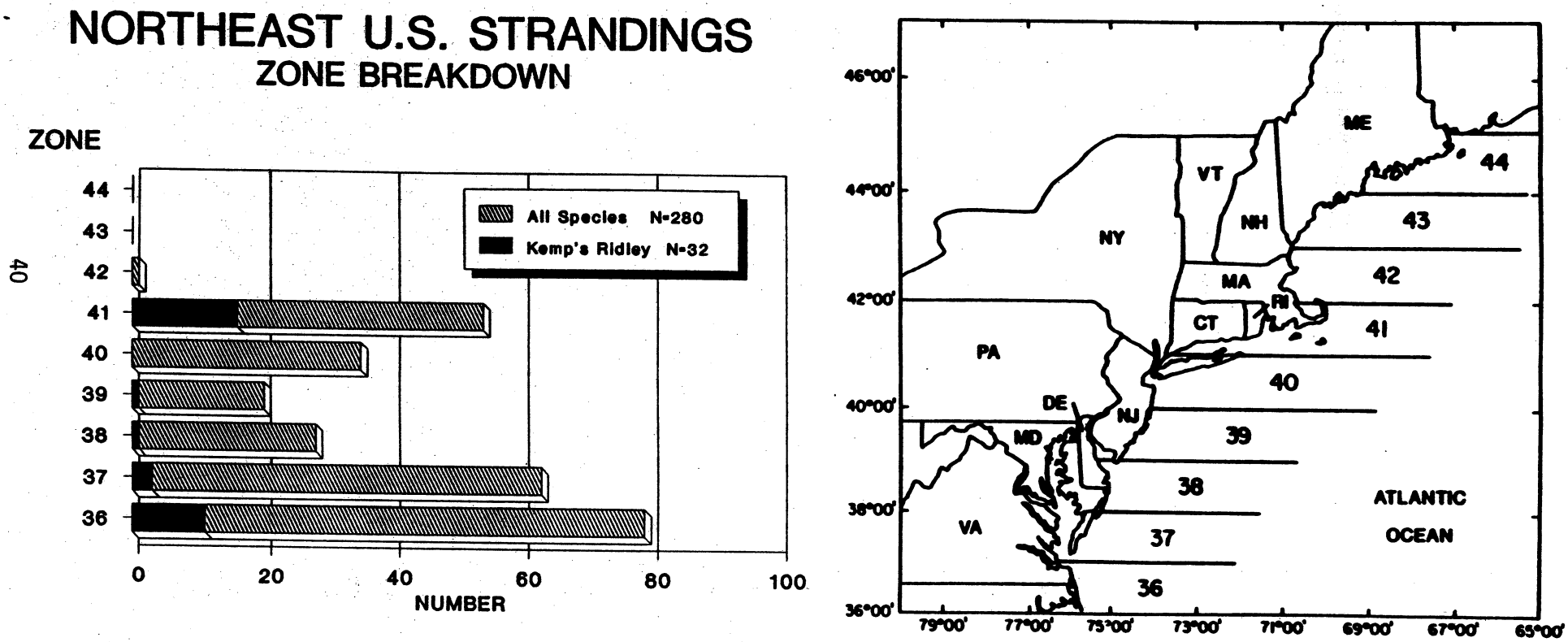


Figure 8. Marine turtle strandings reported from the northeast U.S. Atlantic by statistical zone, 1992.

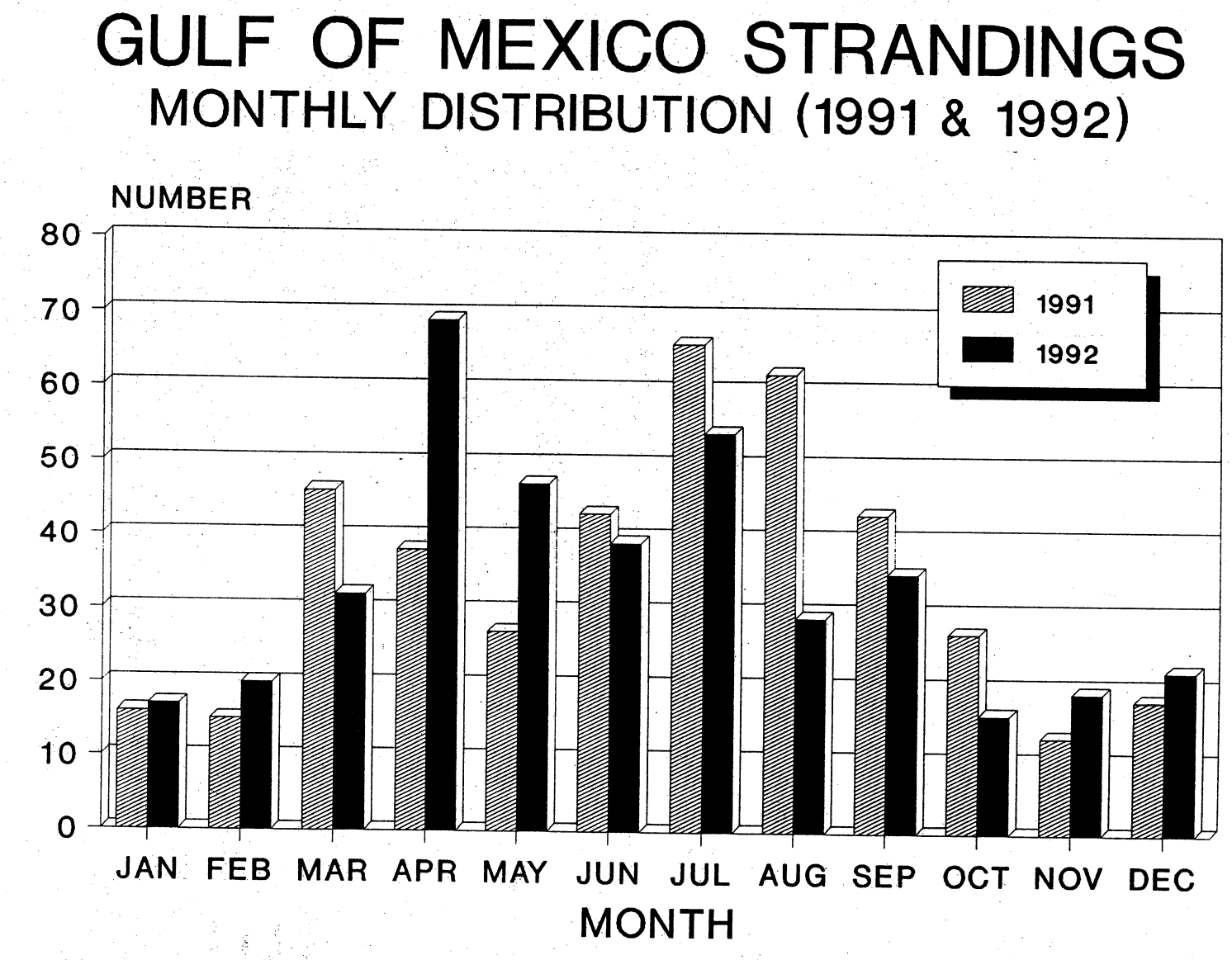


Figure 9. Monthly distribution of marine turtle strandings reported from the Gulf of Mexico, 1991 and 1992. All species are combined.

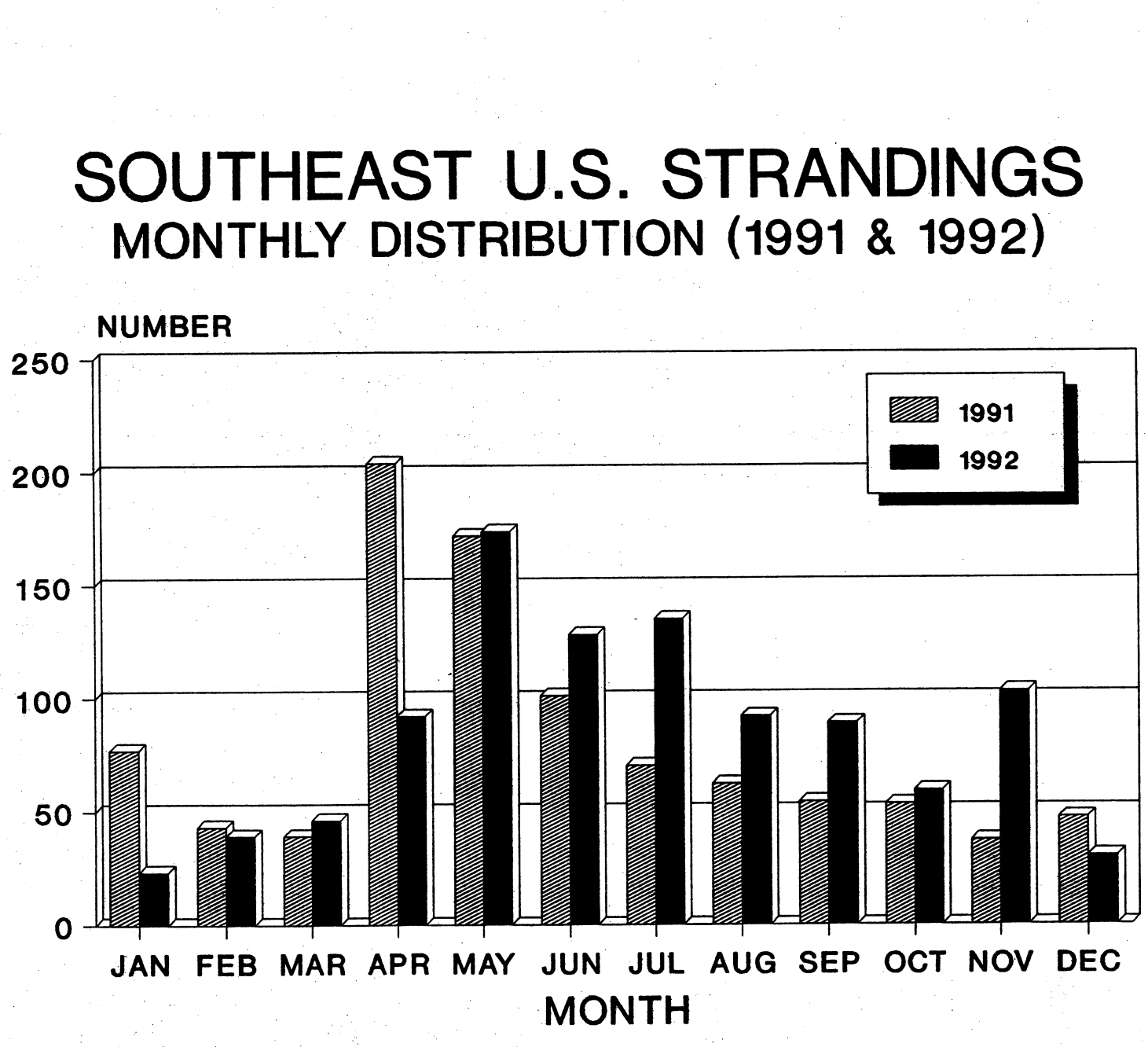


Figure 10. Monthly distribution of marine turtle strandings reported from the southeast U.S. Atlantic, 1991 and 1992. All species are combined.

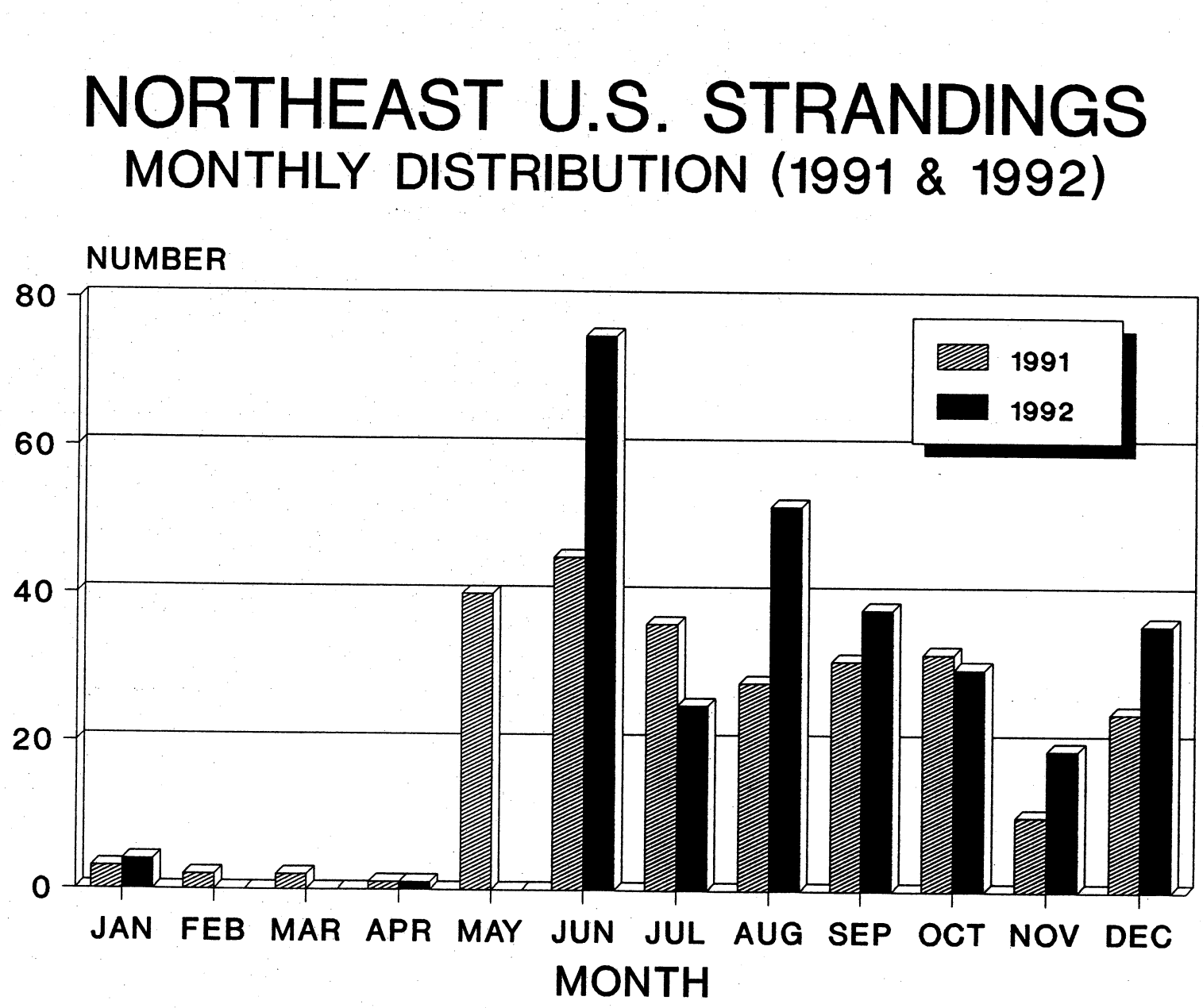


Figure 11. Monthly distribution of marine turtle strandings reported from the northeast U.S. Atlantic, 1991 and 1992. All species are combined.