

SECOND REPORT ON THE INVESTIGATION OF SWORDFISH (*XIPHIAS GLADIUS* L. 1758) CAUGHT IN THE TURKISH WATERS

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SUMMARY

Swordfish are caught more intensively in the Mediterranean (Gulf of Antalya) and in the Aegean Sea (around the island of Gökçeada) in Turkish waters. Meteorological conditions effect the fishery.

RESUMÉ

L'espadon est capturé de façon plus intense dans les eaux turques de la Méditerranée (Golfe d'Antalya) et en Mer Egée (autour de l'île de Gökçeada). Les conditions météorologiques ont une incidence sur la pêche.

RESUMEN

El pez espada se captura con mayor intensidad en el Mediterráneo (Golfo de Antalya) y en el Mar Egeo (en torno a la isla de Gökçeada), en aguas de Turquía. Las condiciones meteorológicas afectan a la pesquería.

EQUIPMENT

- Long lines
- Gill nets
- Harpoons

While long-line and gill-nets are used in the Mediterranean Aegean Sae, harpoons are only used in the North Aegean sae (around the island of Gökçeada).

A set of long-lines comprises of about 200 hooks, the main line is about 12000 meters.

Gill net are used between May and September, mesh sizes are 210, 220, 250 mm (HOŞSUCU, 1991).

Harpoons are used between May and September. The length is about 200-300 fathoms (HOŞSUCU, 1991).

PRODUCTION

Swordfish productions showed a remarkable decrease in the period of 1988-1992. In 1992, 136 tons.

LENGTH-WEIGHT AND AGE RELATIONSHIPS

Length-weight and age relationships of Swordfish caught in Turkish waters in the years of 1993-1995 are being examined and will be published in the next year.

LITERATURE

HOŞSUCU, H. (1991): Balıkçılık (Av Araçları ve Avlanma Yöntemleri), s. 217.

TOTAL CATCH OF SWORDFISH IN TURKISH WATERS

YEAR	TOTAL	BLACK SEA	MARMARA SEA	AGEAN SEA	MEDITERRANEAN SEA
			(tons)		
1982	40	-	6	12	22
1983	216	131	-	80	5
1984	95	90	-	2	3
1985	190	180	-	4	6
1986	226	16	17	114	79
1987	557	39	42	281	195
1988	589	40	52	292	205
1989	209	3	3	32	171
1990	243	26	-	79	138
1991	100	2	-	22	76
1992	136	13	36	11	76

