Recreational shore fishing in the south of Portugal: an integrative study



















What has been done...

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-12 month sampling period-

... 192 roving creel surveys (96 in each sub area- south and SW)

... 1321 interviews (fishing trip data)- Response rate of 95%

... 24 aerial surveys- 6872 anglers counted (South coast: 2976; West coast: 4076).

... 256 logbooks distributed to volunteer anglers: return rate of 7%.





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Catch composition...

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- 48 species recorded (5110 fishes): 23% discarded
- 16 species from the Sparidae family
- Catches dominated by **Diplodus sargus**
- *D.sargus* was also the most targeted species

	_	Number		Weight		Discards	Discard
Species	Common name -	N	%	W (Kg)	%	(%) mo	motive
Diplodus sargus	White seabream	2235	43.7	522.66	48.4	18.0	Length*
Diplodus vulgaris	Two-banded seabream	733	14.3	87.53	8.1	29.2	Length
Boops boops	Bogue	415	8.1	36.36	3.4	52.0	Species
Scomber japonicus	Chub mackerel	333	6.5	48.83	4.5	6.0	Species
Sarpa salpa	Salema	188	3.7	76.25	7.1	23.9	Species
Chelon labrosus	Mullet	137	2.7	88.35	8.2	17.5	Species
Dicentrarchus labrax	Sea bass	113	2.2	46.37	4.3	18.6	Length
Symphodus spp.	Wrasses	101	2.0	4.09	0.4	59.4	Species
Spondyliosoma cantharus	Black seabream		1.8	12.73	1.2	10.9	Length
Balistes capriscus	Grey triggerfish	83	1.6	37.81	3.5	C	











Fin	al remarks: survey	Syndret is	
CFRG	Aerial surveys	Roving creel surveys	Fishing logbooks
	 Covers large areas Instantaneous counts 	 appropriate when anglers are dispersed reliability of catch and fishing trip data 	 low cost covers large areas and periods
	 availability/weather conditions very expensive visibility bias 	 incomplete trip data length of stay bias Progressive counts 	 low return rates angler reported data (avidity and memory recall bias) highly dependent on anglers' motivation

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