

Center for Community-Based Resource Management (CBRM)

Natural Resources Institute, University of Manitoba

CBRM Database

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Case Study Name:	Assessment of a Major Shore-Based Marine Recreational Fishery in the Southwest Atlantic, Argentina		
Author:	F. M. Llopart, D. C. Colautti & C.R.M. Baigún		
Document Type:	Paper in a Scientific Journal		
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Region:	South America		
Country:	Argentina		
Ecosystem Type:	Coastal Marine		
Social Characteristics:	Other (Recreational Fishers)		
Scale of Study:	National		
Resource Type:	Fisheries		
Type of Initiative:	Research Driven-Project		
Community- Based Work:	Resource Management		
Keywords:	angler preferences; catch per unit effort; fisheries management; fishing quality; recreational fisheries		

Summary:

This work provides, based on data from roving creel surveys, the first quantitative analysis for a main recreational fishery of the southwestern Atlantic coast. Anglers interviewed were willing to accept minimum size limits but mostly did not approve the maximum daily catch, despite the fact that they considered that the fishery quality was decreasing. Angler profile differed among months but the avidity effect was negligible. Fishing effort was highest during January, with the greatest total catch per unit effort (CPUE) in November and the highest total catch in December. Twelve species were caught, with *Cynoscion guatucupa* and *Micropogonias furnieri* accounting for 80% of the harvest. The average lengths for both species were larger than their size at first maturity. Mean (9SD) CPUE values (1.2890.59 fish/angler/h) and total harvest were high compared with those of other recreational fisheries in the Southern Hemisphere. Some specific fishing-management guidelines are proposed to promote good angling practices and sustainable long-term use of the resource.