

# reducing codend twine thickness to reduce capture of undersized fish in the Italian demersal trawl fishery

## TARGET SPECIES

European hake, Whiting, Poor-cod, Red mullet, Common pandora and all marketable species

## AREA, VESSEL

54 hauls took place during 2004 on board the RV "G. Dallaporta" (810 kW; 35.30 m; 285 GT) in the Central Adriatic

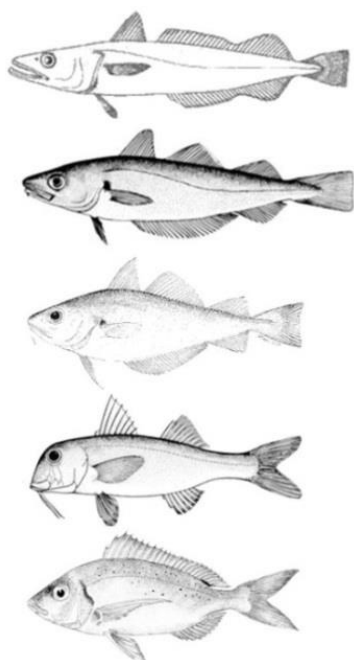


## GEAR MODIFICATION

The catches from two codends with the same mesh size (44 mm) but with different twine thicknesses are compared. The twine thicknesses are as follows

(i) light PA: R3644tex, Ø 2.38 mm

(ii) heavy PA: R5312tex, Ø 2.89 mm



## RESULTS

Using a codend made from thinner twine (2.38 mm) instead of one made from thicker twine (2.89 mm) improves the selectivity for all species

There is an improvement of  
25% for European hake,  
23% for whiting,  
30% for poor cod,  
20% for red mullet and  
23% for common pandora.

## FURTHER INFORMATION

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