

using 40mm square mesh codend to reduce capture of undersized fish in the Italian demersal trawl fishery

TARGET SPECIES

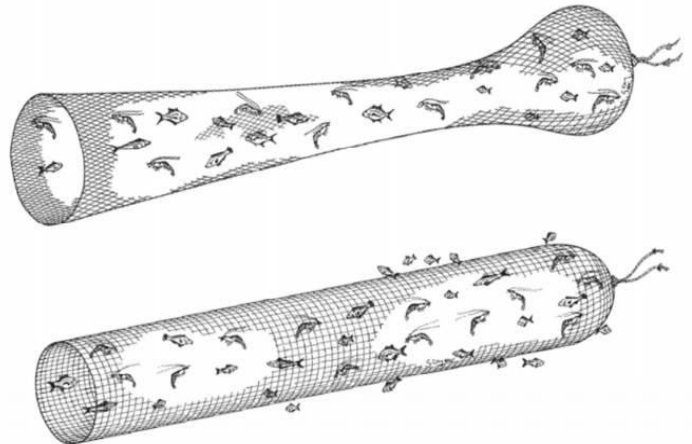
Mediterranean scaldfish, broad-tail shortfin squid, European hake, red mullet, Norway lobster, common pandora, deepwater rose shrimp, Mediterranean horse mackerel, poor-cod and all marketable species

AREA, VESSEL

47 hauls took place during 2004 on board the RV Andrea (29.15 m; 285 GT) in the Central Adriatic Sea

GEAR MODIFICATION

The catch from a 40 mm diamond mesh codend is compared with that of a 40 mm square mesh codend



RESULTS

the 40 mm square mesh codend was more selective than 40 mm diamond mesh for all species except for the flatfish, Mediterranean scaldfish

The improvement was
76% for broad-tail shortfin squid
70% for European hake
36% for red mullet
23% for Norway lobster
27% for common pandora
26% for deepwater rose shrimp
36% for Mediterranean horse mackerel and
36% for poor-cod.

For Mediterranean scaldfish the square mesh codend was 8% less selective than the 40 mm diamond mesh codend.

FURTHER INFORMATION

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www.discardless.eu/selectivity_manual

