

1 **Supplementary Information**
2 **Using a trait-based approach to understand the efficiency**
3 **of a selective device in a multispecific fishery.**

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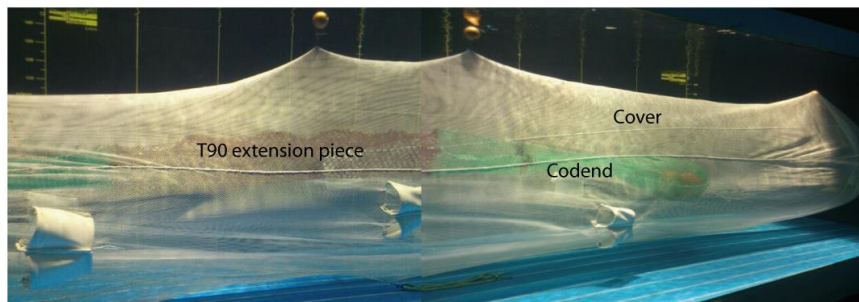
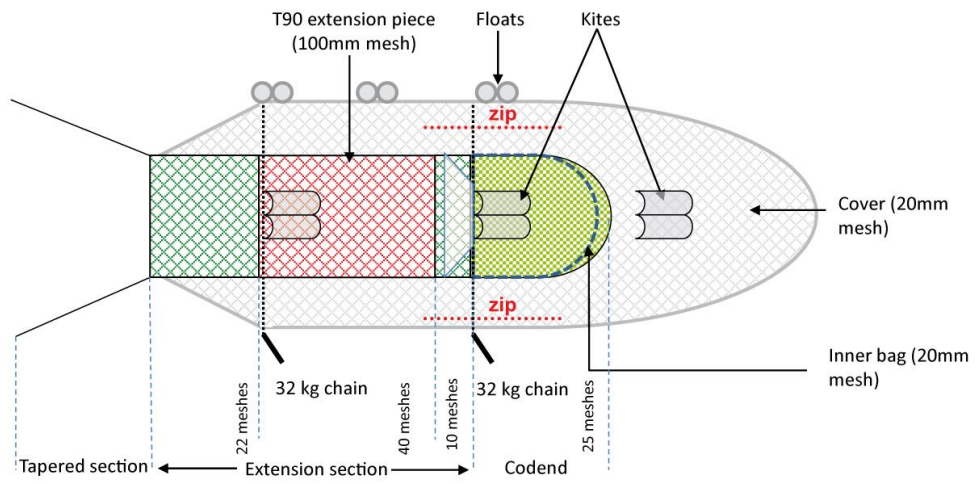
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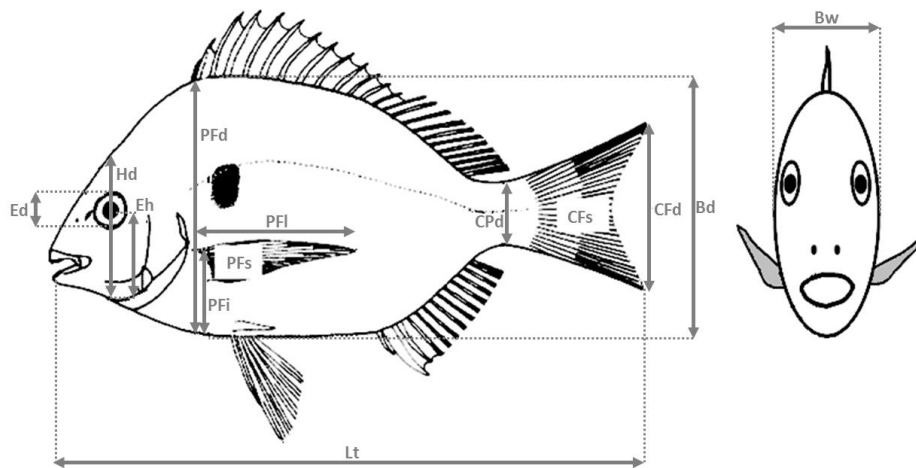
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15 Figure S1. Diagram of the T90 extension piece mounted on the otter trawl and surrounded by a
16 polyamide netting cover and a picture of the experimental device during the preliminary tests in the
17 flume tank of IFREMER Lorient.



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19 Figure S2. Ecomorphological features used to calculate functional traits in this trait-based approach to
 20 selectivity (from ^{1,2,3}). Bd: maximal body depth; Bw: maximal body width; CFd: maximal caudal fin
 21 depth; CFs: caudal fin surface; CPd: peduncle minimal depth; Ed: eye diameter; Eh: eye position; Hd:
 22 head depth; Lt: total length; PFd: body height at the pectoral fin insertion; PFi: position of the pectoral
 23 fin; PFI: maximal fin length; PFs: pectoral fin surface. Body weight (B) was directly measured on
 24 individuals during the sea trials. Lt is considered as an ecomorphological feature as well as a
 25 functional trait. Lengths, heights and depths are measured in millimetres, surfaces in square
 26 millimetres and body weight in grams.



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