



Chondrichthyans Distribution Atlas within North-Eastern Atlantic and French Mediterranean waters

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Anthony ACOU

Chondrichthyans Distribution Atlas

within North-Eastern Atlantic and French Mediterranean waters

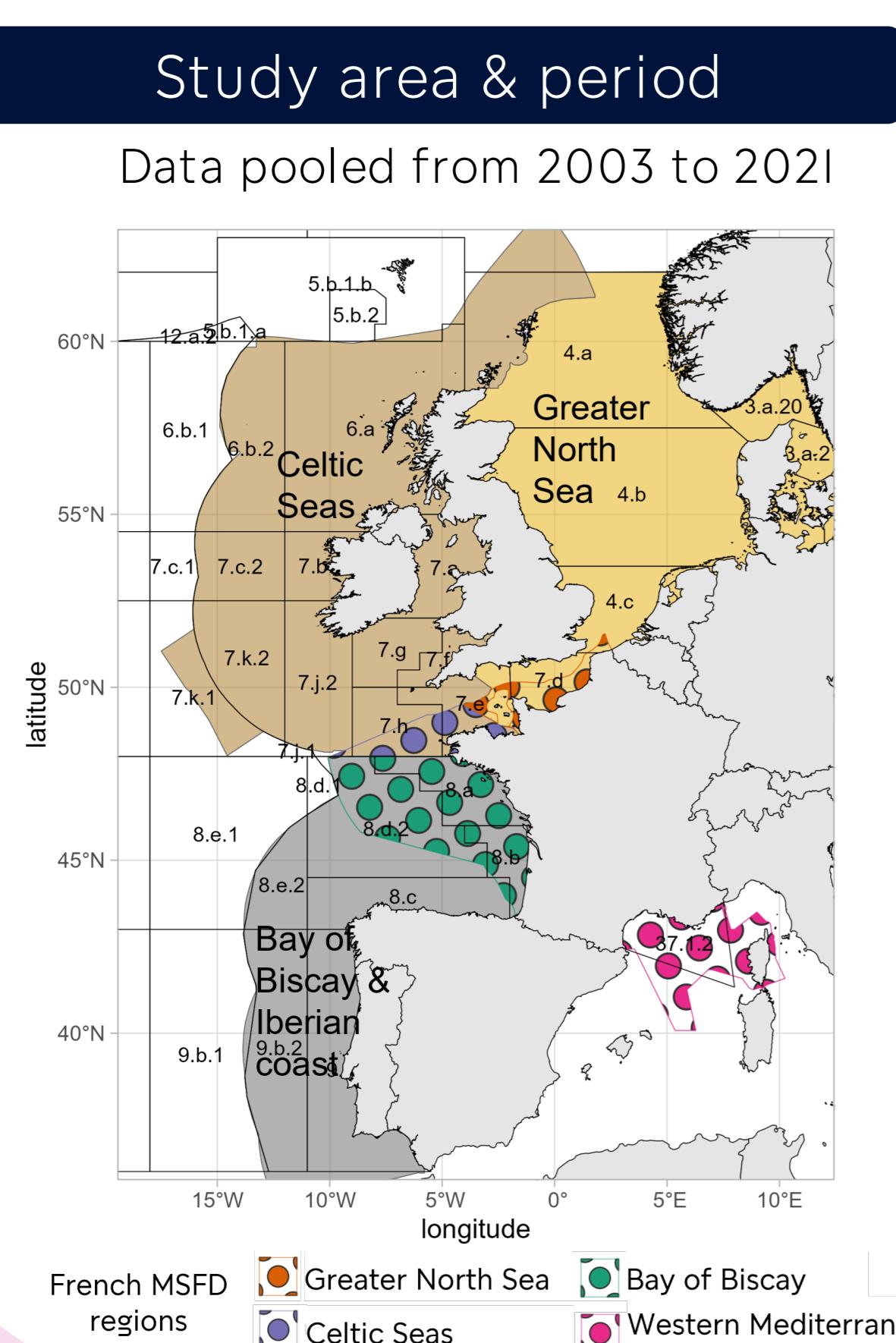
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INTRODUCTION

In the context of Marine Strategy Framework Directive (MSFD), accurate and up-to-date distribution maps of the 106 chondrichthyans (40 batoids, 59 sharks and 7 chimaeras) present in French metropolitan marine waters is required. For that, a database from fisheries-dependent and -independent data was collated to produce a chondrichyan distribution atlas.

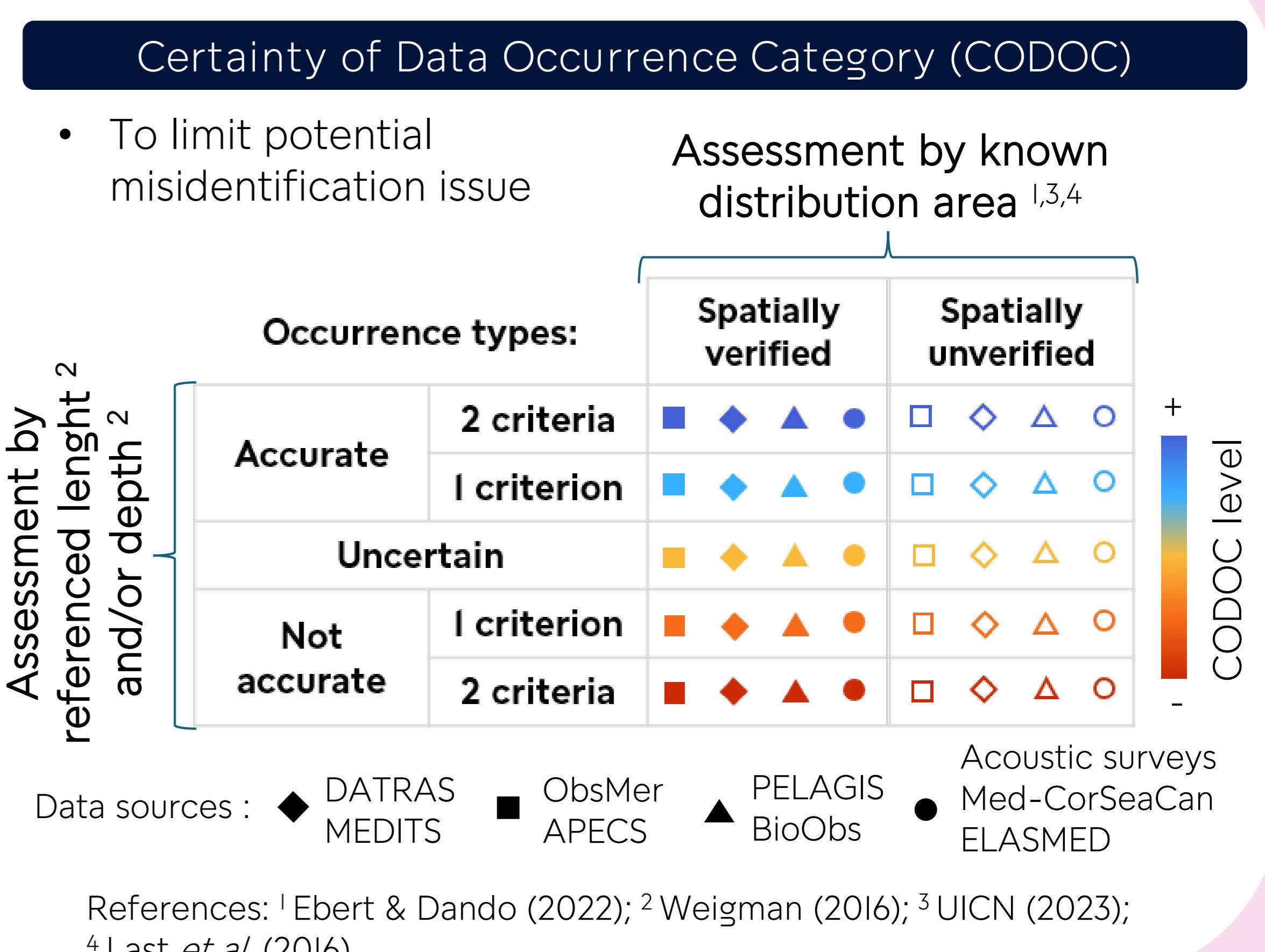
METHODS



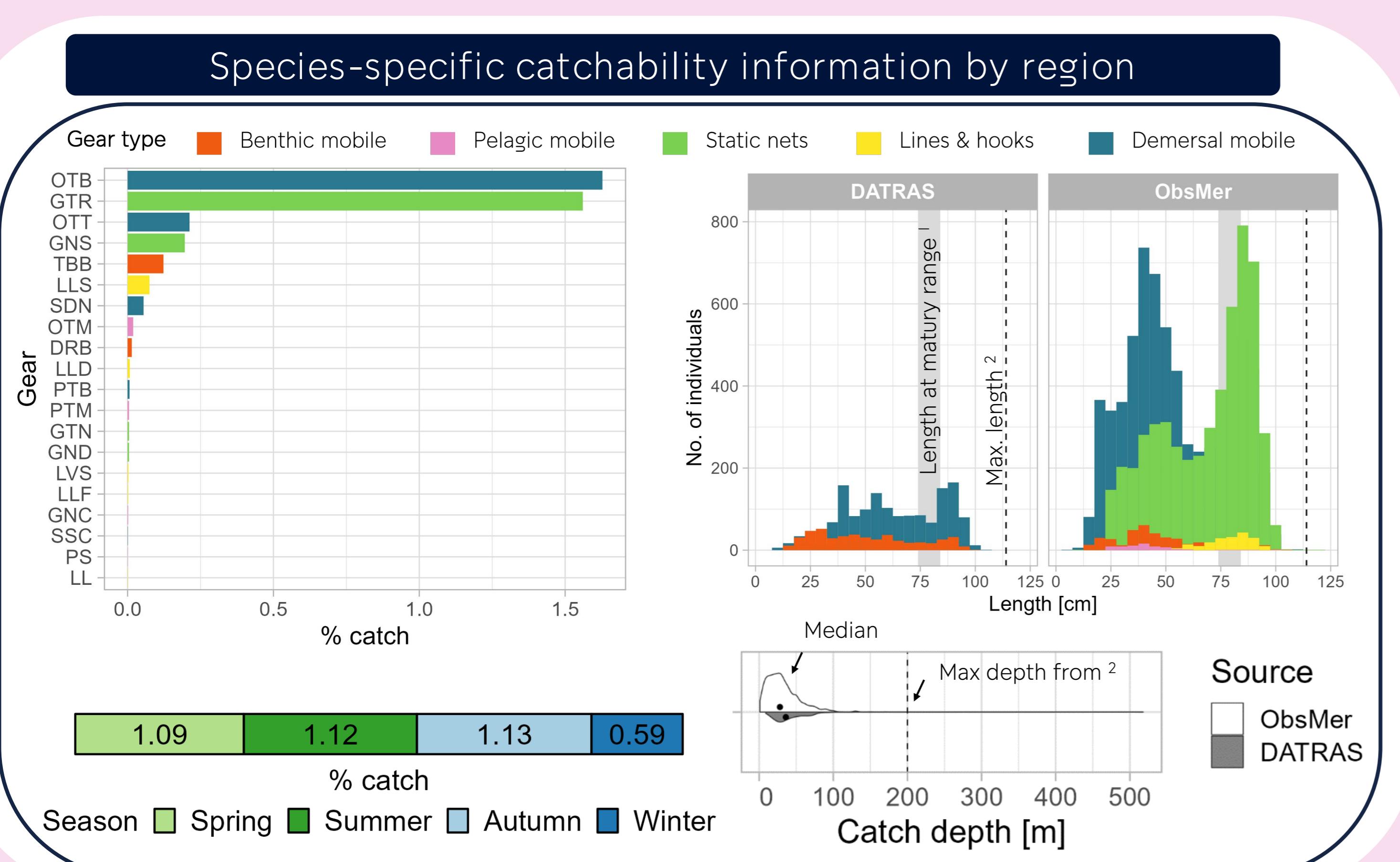
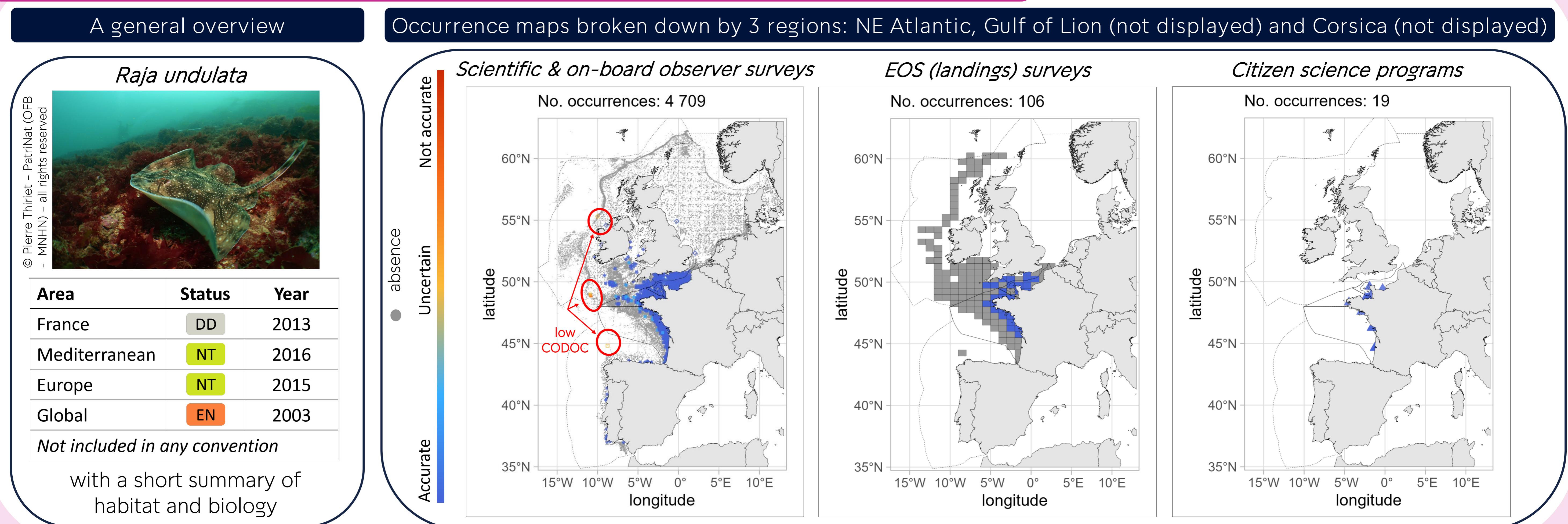
Data sources

Fishery-dependent data	Scientific surveys	Citizen science
> 105 000 fishing operations (fo) and 3800 landings	64 000 fo & > 11 000 (aerial, boat & submarine) transects	> 3 300 observations
Presence-absence, length & depth at capture	presence-only	

Logos: MINISTÈRE DE LA PÊCHE ET DE L'ALIMENTATION, UNIVERSITÉ DI CORSICA PASQUALE PAOLI, ICES CIEM, APECS, BioObs, Ifremer, STARESO, PELAGIS, ELASMED



RESULTS : 106 species fact sheets including:



- ## CONCLUSION
- Unprecedented database of chondrichyan distribution with 175 702 occurrences.
 - The CODOC method helped provide important information on misidentified species (e.g., *Mustelus mustelus*, *Galeus murinus*).
 - Data paper coming soon
 - Modelling approach is in progress to produce robust distribution map (see Bisch *et al.* oral presentation).

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or

