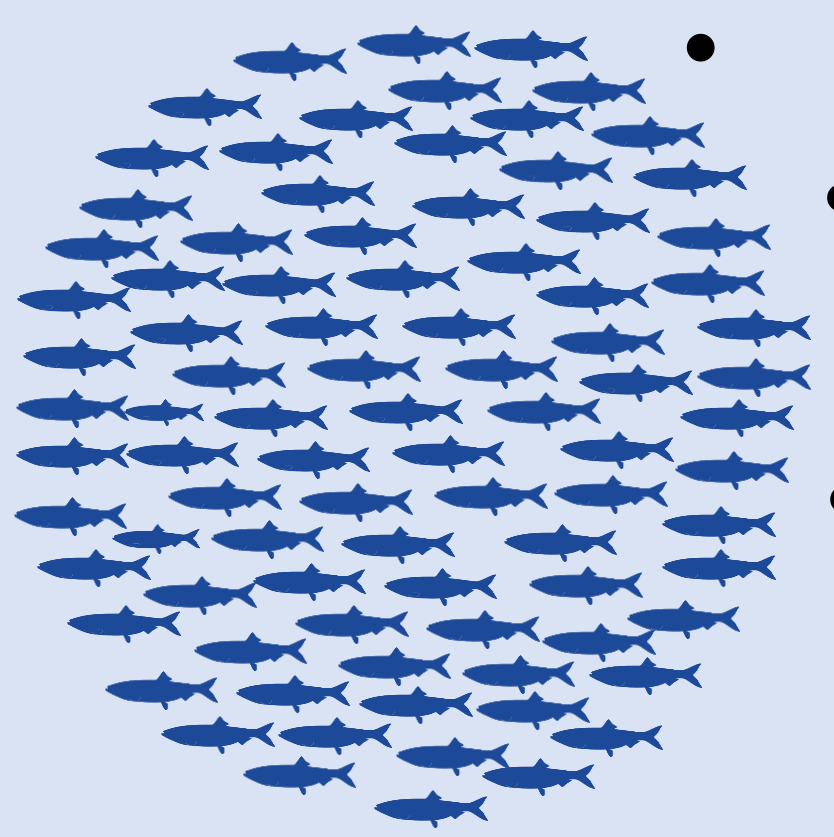


Trophic importance of small pelagic fish to marine predators of the Mediterranean Sea

Jazel Ouled-Cheikh, Joan Giménez, Marta Albo-Puigserver, Joan Navarro, Elena Fernández-Corredor, José María Bellido, Maria Grazia Pennino, Marta Coll

Small pelagic fish (SPF)



- Ecosystem structuring species
- High biomasses
- High turnover rates
- Link low-high trophic levels

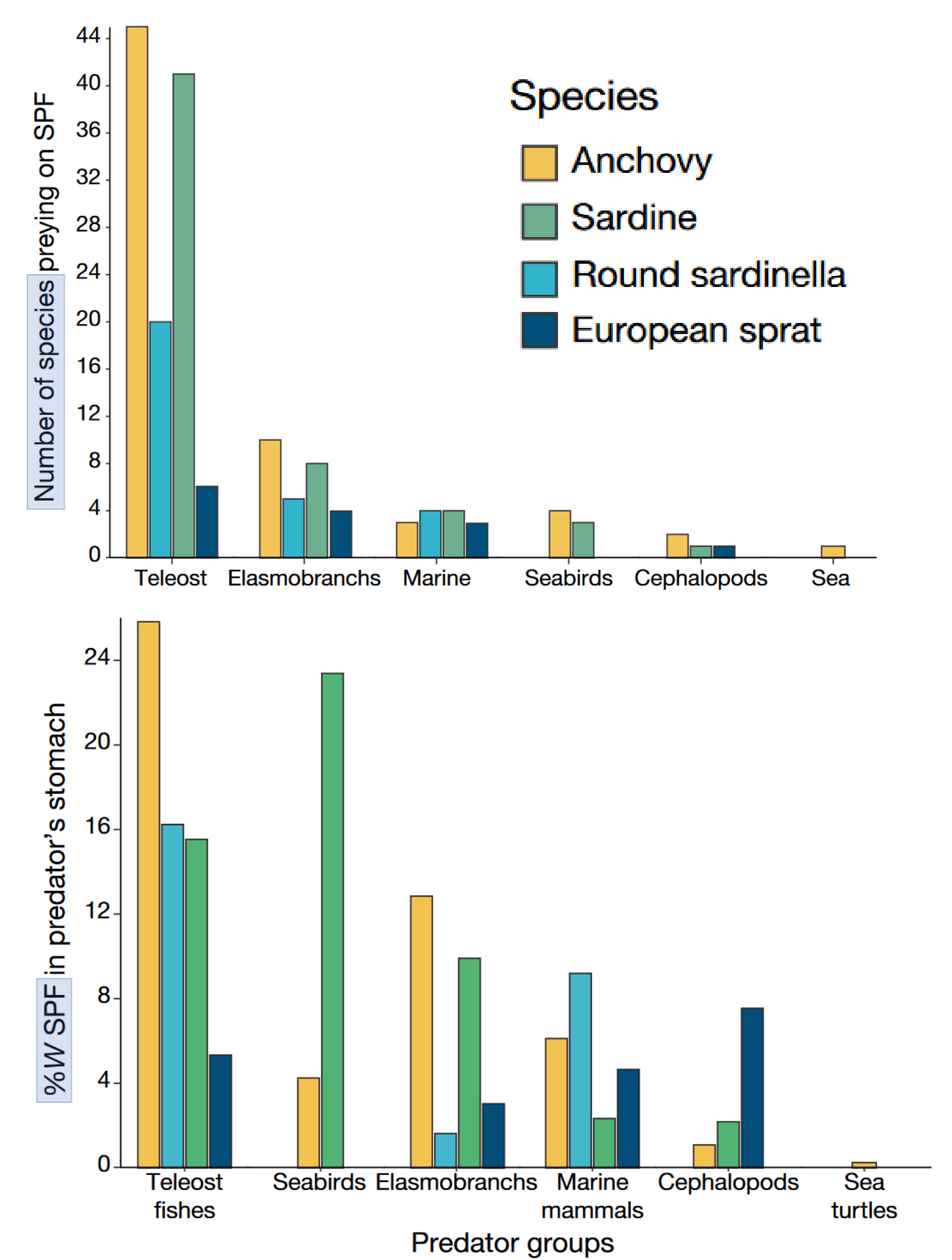
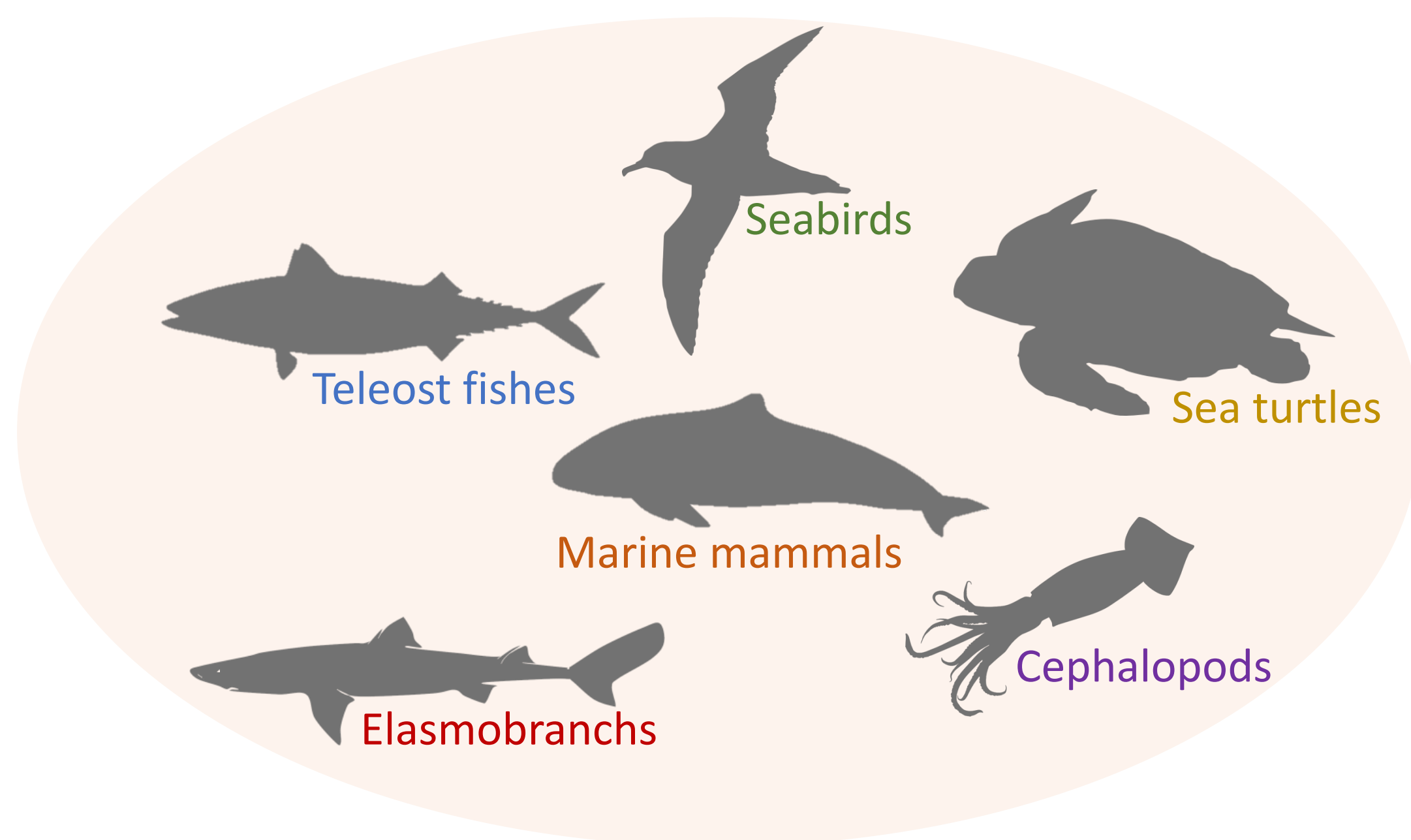
Research questions

- Which are the main SPF predators in the Med. Sea?
- Are there differences in SPF consumption at a regional level?
- What is the conservation status of the main SPF predators?

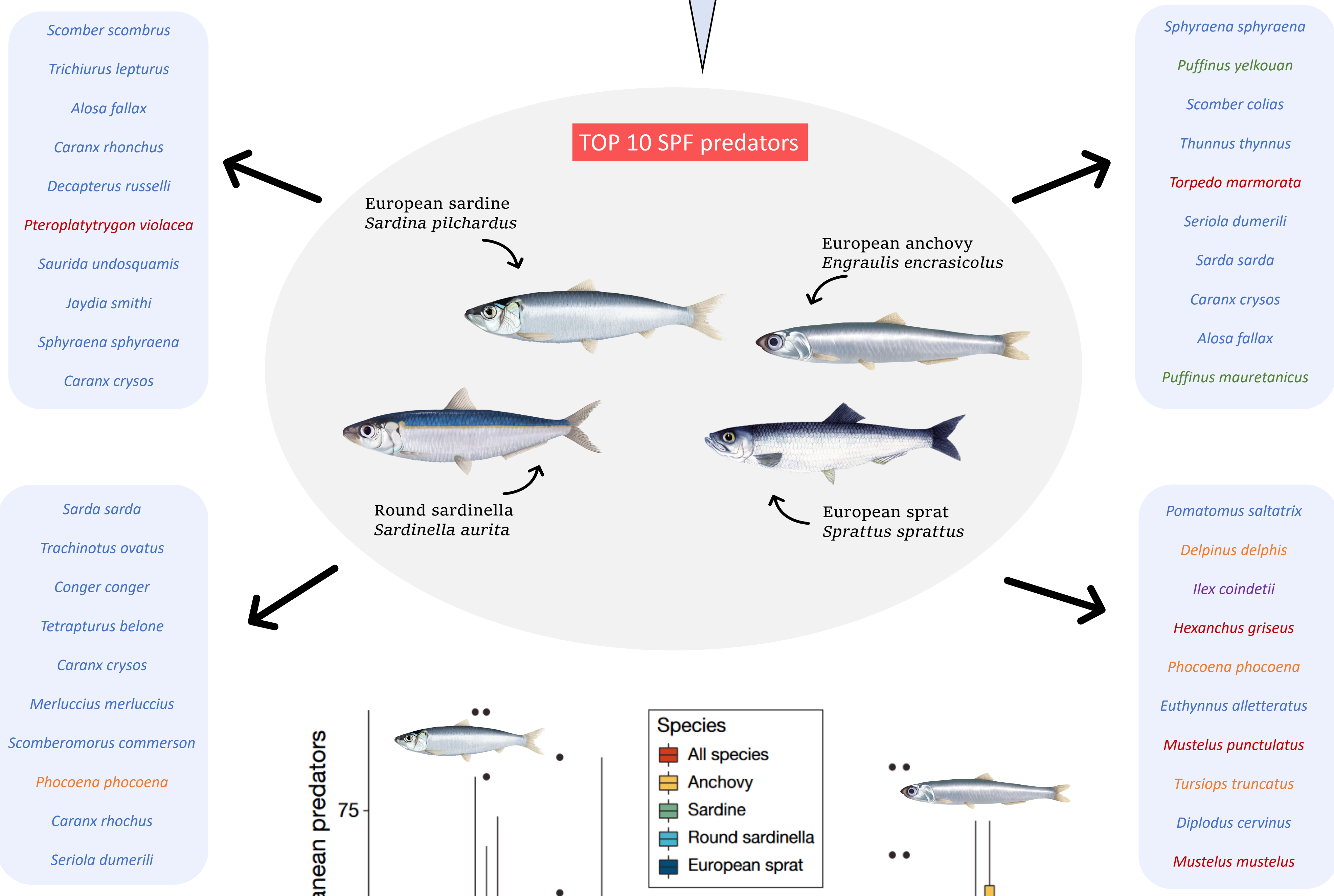
How?

- By reviewing 101 published studies

SPF predator groups



TOP 10 SPF predators



SPF Predators in a nutshell

79 predator species identified

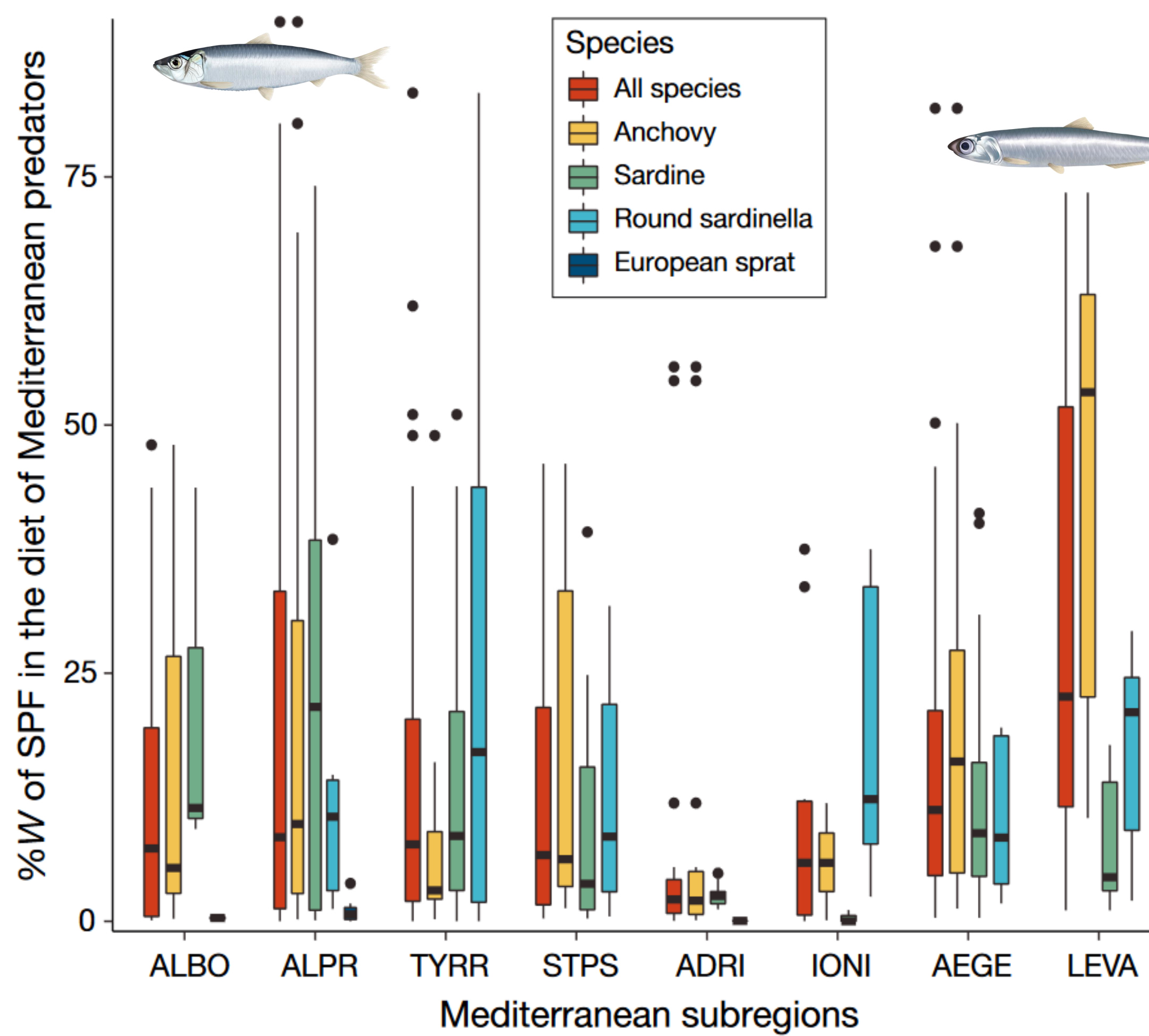
- 38 non-commercial (Mostly pelagic predators)
- 41 commercial

Conservation status

- 61 Least concern
- 6 Near threatened
- 5 Vulnerable
- 4 Endangered
- 1 Critically endangered



Puffinus mauretanicus



Inverse pattern in sardine/anchovy consumption

Anchovy is more consumed in the Eastern side of the Mediterranean basin and sardine in the Western

Link to publication

