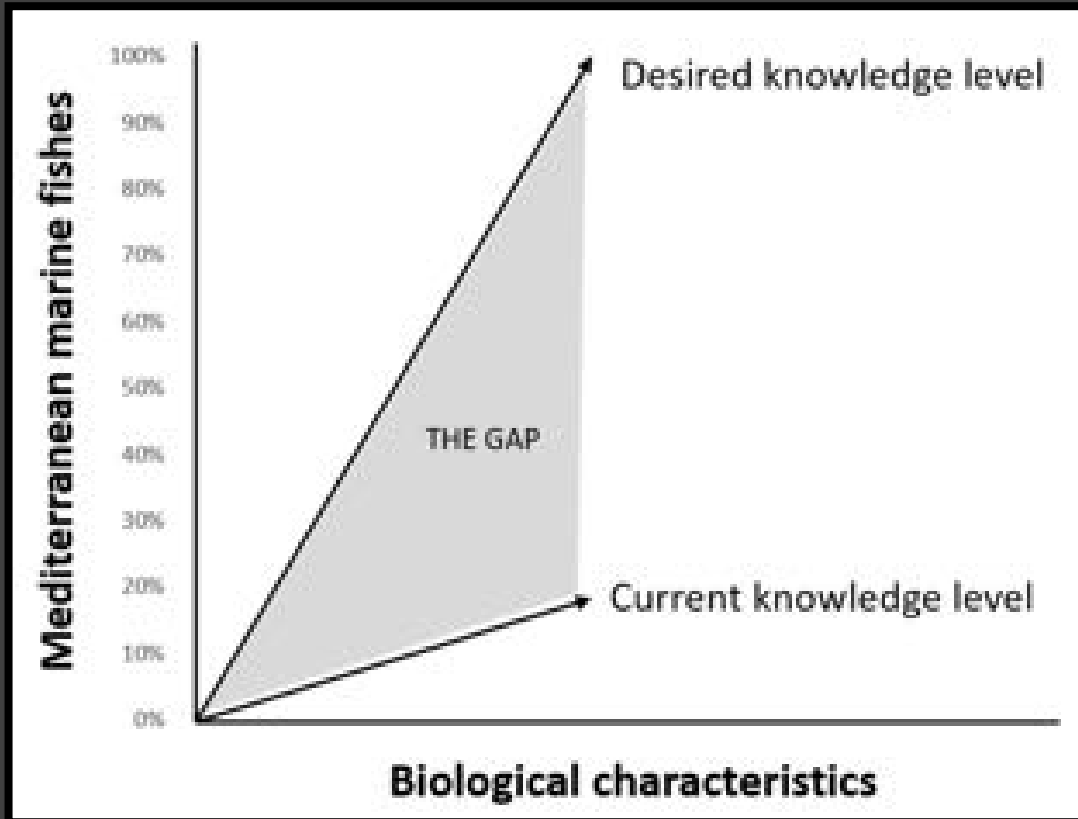


GAPS IN BIOLOGICAL KNOWLEDGE OF THE MEDITERRANEAN MARINE FISHES

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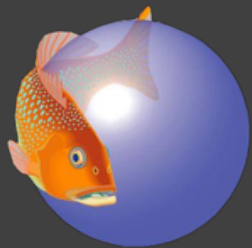
Ecosystem based fisheries management

- all components of the ecosystem
- regional studies
- non-commercial fishes

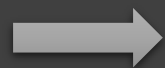
Which biological characteristics are already studied for the Mediterranean marine fishes

What remains to be studied

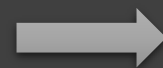




FishBase



714 species



8 biological characteristics

Species	Common name	Family
<i>Merluccius merluccius</i>	European hake	Merlucciidae
<i>Mullus surmuletus</i>	Surmullet	Mullidae
<i>Mullus barbatus barbatus</i>	Red mullet	Mullidae
<i>Sardina pilchardus</i>	European pilchard	Clupeidae
<i>Diplodus annularis</i>	Annular seabream	Sparidae

somatic growth

- length-weight relationships (LWR)
- growth parameters (G)
- maximum age (t_{max})

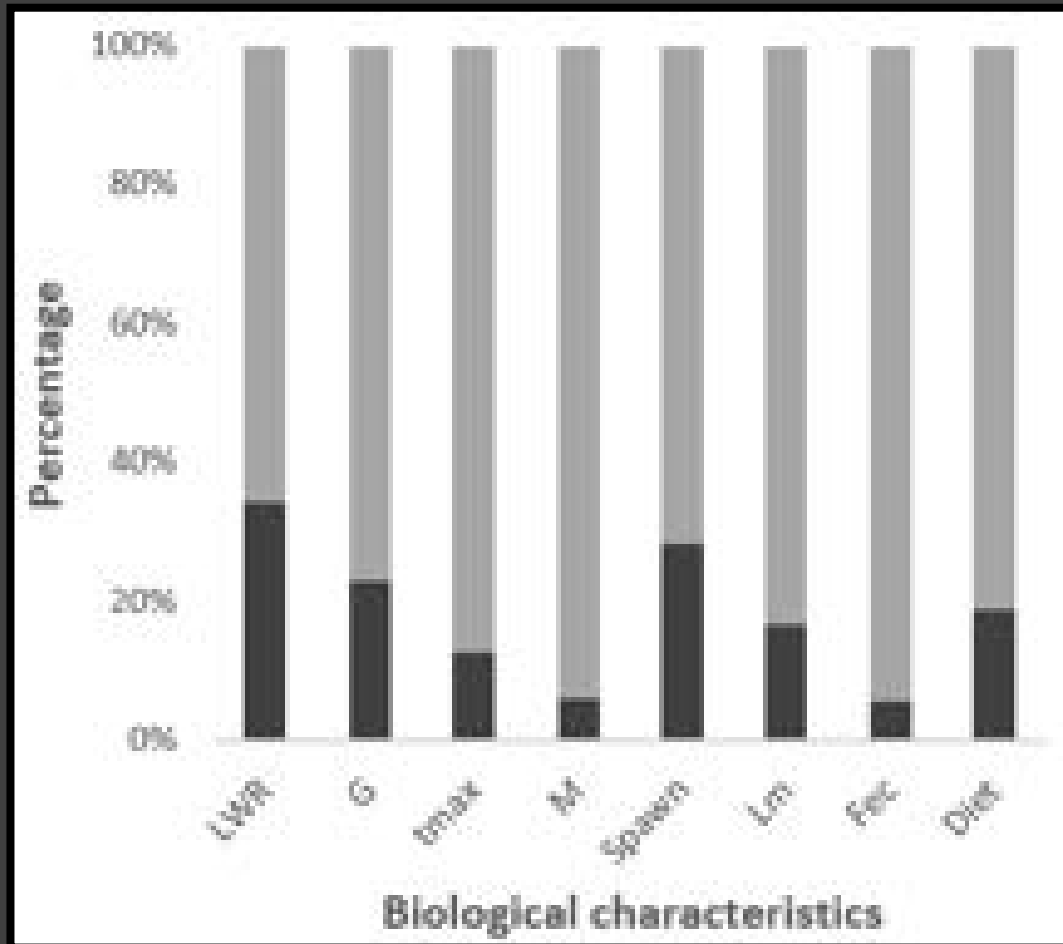
reproductive biology

- spawning (Spawn)
- size at maturity (L_m)
- fecundity (Fec)

diet composition

mortality rate (M)





50% no information

18% information about 1 characteristic

Main findings

- fish species of high commercial interest
- length-weight relationships

Suggested future research priorities

- non-commercial/not exploited species
- mortality and fecundity

