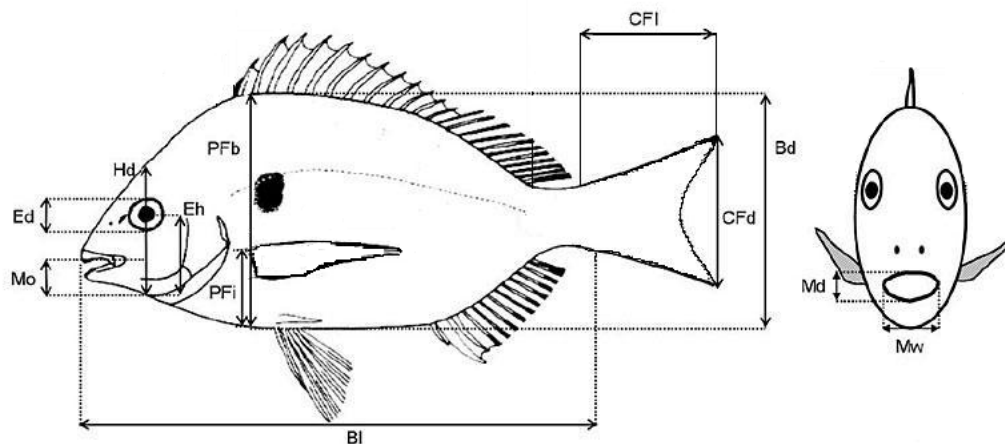


Morphological measures included in the data



The figure come from Granger et al. (2015) which was modified from supplementary information of Villéger et al. (2010). **Bd**: Longest body depth; **BI**: Body standard length; **CFd**: caudal fin depth; **CFI**: caudal fin length; **Ed**: eye diameter; **Eh**: distance between the bottom of the head and the eye center along the head depth axis; **Hd**: head depth along the vertical axis of the eye; **Mo**: distance bottom of head-mouth; **Md**: mouth depth; **Mw**: mouth width; **PfB**: body depth at the level of the pectoral fin insertion; **PfI**: distance between the insertion of pectoral fin and the bottom of the body. The two categorical traits not shown on the figure above are **Pig**: Pigmentation on the fish body with (1) silvery or reflective side-solitary pelagic; (2) countershading with dark lateral band-schooling pelagic; (3) mottled pattern or vertical bars-vegetal or benthic rocks; (4) countershading without either silveriness or lateral band-benthic over a sand bottom. **Sh**: Fish body shape with (1) fusiform; (2) compressed; (3) round; (4) filiform; (5) depressed; (6) globe-like.

References

- Bertrand J, De Sola L, Papaconstantinou C, Relini G, Souplet A (2002) The general specifications of the MEDITS surveys. *Scientia Marina* 66:9-17
- Brind'Amour A, Rochet MJ, Ordines F, Hosack GR, Berthelé O, Mérigot B, Carbonara P, Follesa MC, Jadaud A, Lefkaditou E, Maiorano P, Peristeraki P, Rabiller M, Spedicato MT, Tserpes G, Charilaou C, and Trenkel VM. Environmental drivers explain regional differences among functional groups across the Mediterranean Sea. Submitted to *Marine Ecology Progress Series*
- Granger V, Fromentin JM, Bez N, Relini G, Meynard C, Gaertner JC, Maiorano P, Garcia Ruiz C, Follesa C, Gristina M, Peristeraki P, Brind'Amour A, Carbonara P, Charilaou C, Esteban A, Jadaud A, Joksimovic A, Kallianiotis A, Kolitari J, Manfredi C, Massuti E, Mifsud R, Quetglas T, Refes W, Sbrana M, Vrgoc N, Spedicato MT, Mérigot B (2015) Large spatio-temporal monitoring highlights shift in Mediterranean fish diversity hotspots. *Progress in Oceanography* 130:65-74
- Villéger S, Miranda JR, Hernández DF, Mouillot D (2010) Contrasting changes in taxonomic vs. functional diversity of tropical fish communities after habitat degradation. *Ecological Application* 20: 1512–1522.