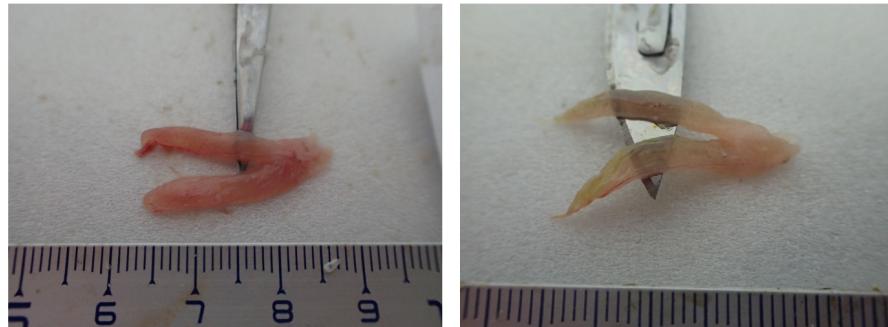
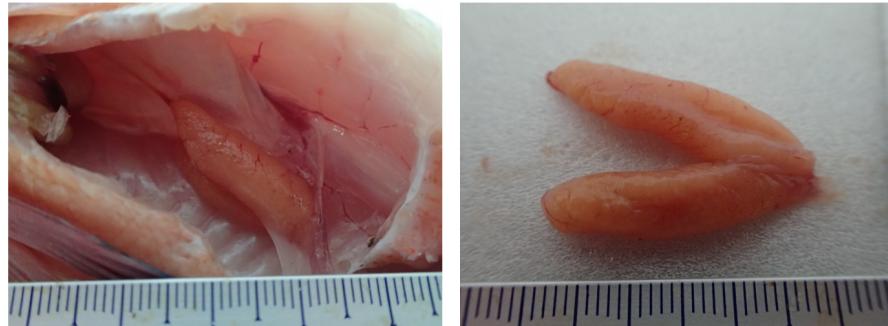
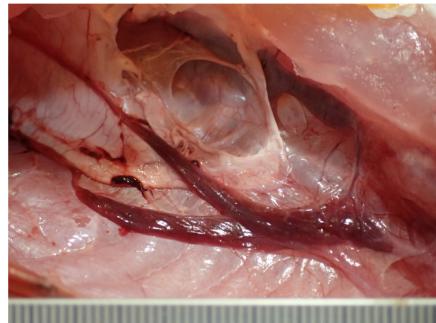


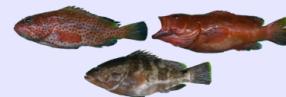
Grouper / *Epinephelinae* sp.**A - IMMATURE**TRANSPARENT TO
TRANSLUCID GONADS

WITHOUT EGGS

**B - DEVELOPING**non-hydrated eggs
SOMETIMES visible

OPAQUE GONADS

**C - SPAWNING**AT LEAST 1 VISIBLE
HYDRATED EGG**D - REGRESSION/REGENERATION**FEW HYDRATED
EGGS STILL PRESENTFLABBY GONADS AND
THICK INNER LAYERGeneral aspect
"stunted"

Grouper / Epinephelinae sp.**E - OMITTED SPAWNING**

UNDETERMINABLE WITH THE NAKED EYE

F - ABNORMALNECROSIS,
SCLEROSIS OR
INTERSEX

Picture	Sex	Species	First maturity size
		Cephalopholis fulva	NA
		Epinephelus guttatus	NA
		Epinephelus striatus	NA

References/Photos :

ICES (WKASMSF 2018 & WKMATCH 2012),

IFREMER,

Quéro J-C. et Vayne J-J.2008. Les poissons de mer des pêches françaises : delachaux et niestlé, 304