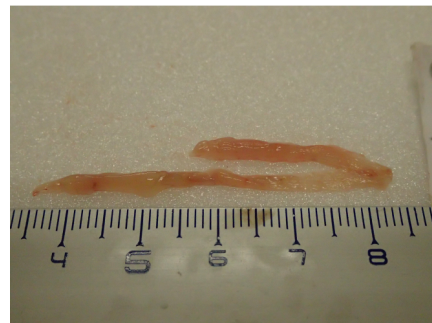
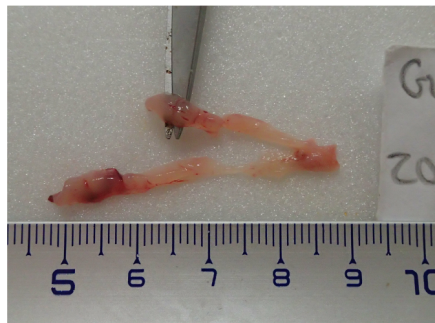


# Red gurnard / *Chelidonichthys cuculus*



## A - IMMATURE

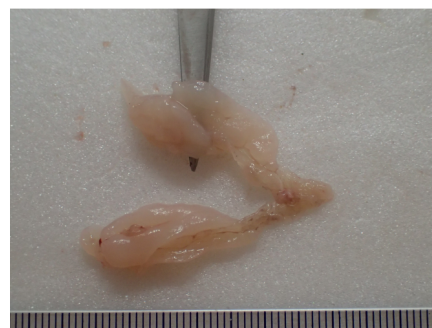
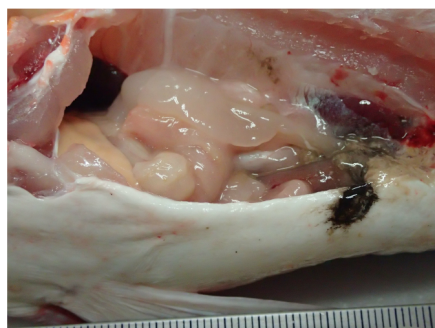
TRANSPARENT TO  
TRANSLUCID GONADS



## B - DEVELOPING

Gonads are filling and  
becoming opaque

NON-FLOWING  
GONADS



## C - SPAWNING

FLOWING GONADS

OPAQUE AND  
WHITISH GONADS



## D - REGRESSION/REGENERATION

BLOOD RESIDUE IN  
TISSUES

FLABBY GONADS

MILT RESIDUALS




Red gurnard / *Chelidonichthys cuculus*

## E - OMITTED SPAWNING

UNDETERMINABLE WITH THE NAKED EYE

## F - ABNORMAL

NECROSIS,  
SCLEROSIS OR  
INTERSEX

Picture	Sex	Species	First maturity size
	♂	<i>Chelidonichthys cuculus</i>	20 - 26 cm

## References/Photos :

ICES (WKASMSF 2018 &amp; WKMATCH 2012),

IFREMER,

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