

## Queen triggerfish / *Balistes vetula*



### A - IMMATURE

TRANSPARENT TO  
TRANSLUCID GONADS

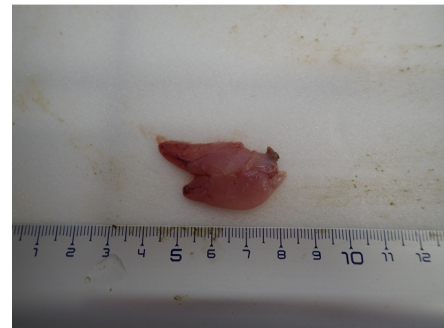
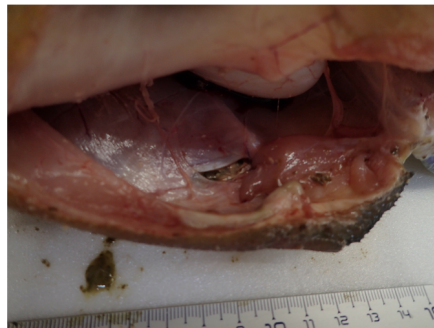
WITHOUT EGGS



### B - DEVELOPING

non-hydrated eggs  
SOMETIMES visible

OPAQUE GONADS



### C - SPAWNING

AT LEAST 1 VISIBLE  
HYDRATED EGG



### D - REGRESSION/REGENERATION

FEW HYDRATED  
EGGS STILL PRESENT  
FLABBY GONADS AND  
THICK INNER LAYER

General aspect  
"stunted"



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## E - OMITTED SPAWNING

UNDETERMINABLE WITH THE NAKED EYE

## F - ABNORMAL

NECROSIS,  
SCLEROSIS OR  
INTERSEX

Picture	Sex	Species	First maturity size
	♀	Balistes vetula	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