

# Queen triggerfish / *Balistes vetula*



## A - IMMATURE

TRANSPARENT TO  
TRANSLUCID GONADS

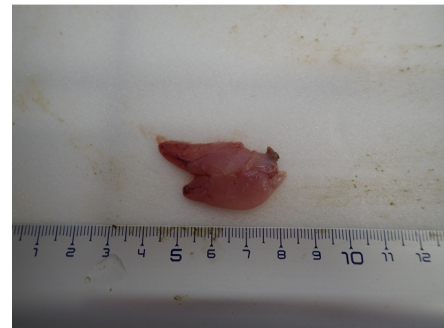
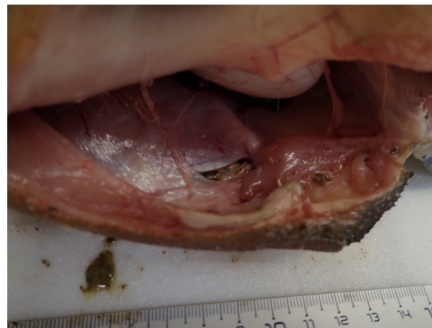
WITHOUT EGGS



## 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"



Queen triggerfish / *Balistes vetula***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 &amp; WKMATCH 2012),

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