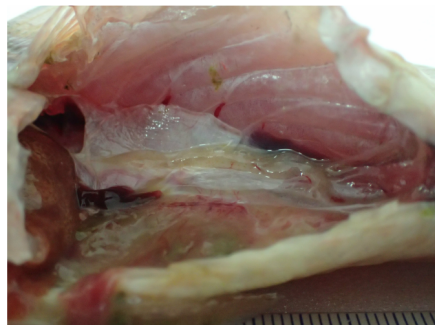


# Parrotfish / *Sparisoma* sp.



## A - IMMATURE

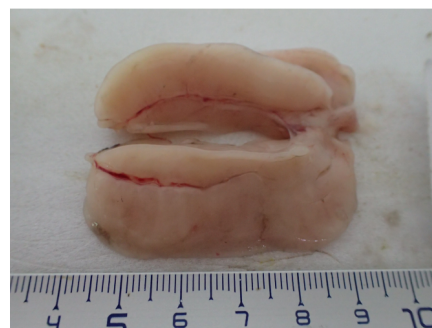
TRANSPARENT TO  
TRANSLUCID GONADS



## B - DEVELOPING

OPAQUE GONADS IN  
TWISTED SHAPE

NON-FLOWING  
GONADS



## C - SPAWNING

FLOWING GONADS

OPAQUE AND  
WHITISH GONADS



## D - REGRESSION/REGENERATION

BLOOD RESIDUE IN  
TISSUES

FLABBY GONADS

MILT RESIDUALS



# Parrotfish / *Sparisoma sp.*



## E - OMITTED SPAWNING

UNDETERMINABLE WITH THE NAKED EYE

## F - ABNORMAL

NECROSIS,  
SCLEROSIS OR  
INTERSEX



| Picture | Sex | Species                       | First maturity size |
|---------|-----|-------------------------------|---------------------|
|         |     | <i>Sparisoma aurofrenatum</i> | NA                  |
|         |     | <i>Sparisoma chrysopteron</i> | NA                  |
|         |     | <i>Sparisoma rubripinne</i>   | NA                  |
|         |     | <i>Sparisoma viride</i>       | 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