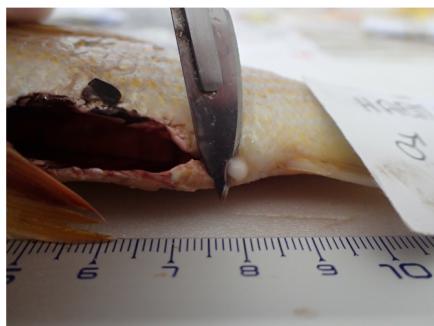


Grunt / *Haemulon* sp.**A - IMMATURE**TRANSPARENT TO
TRANSLUCID GONADS**B - DEVELOPING**OPAQUE GONADS IN
TWISTED SHAPENON-FLOWING
GONADS**C - SPAWNING**

FLOWING GONADS

OPAQUE AND
WHITISH GONADS**D - REGRESSION/REGENERATION**BLOOD RESIDUE IN
TISSUES

FLABBY GONADS

MILT RESIDUALS



Grunt / *Haemulon* sp.**E - OMITTED SPAWNING**

UNDETERMINABLE WITH THE NAKED EYE

F - ABNORMALNECROSIS,
SCLEROSIS OR
INTERSEX

Picture	Sex	Species	First maturity size
		Haemulon carbonarium	NA
		Haemulon flavolineatum	NA
		Haemulon parra	NA
		Haemulon plumieri	NA
		Haemulon sciurus	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

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