

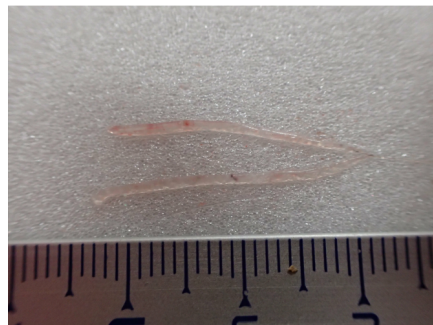
# Sprat / *Sprattus sprattus*



## A - IMMATURE

FILIFORM and flattened  
knife-shaped surface

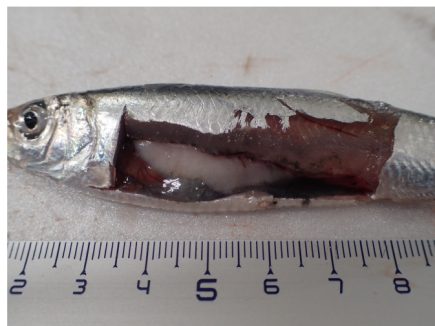
TRANSLUCID



## 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, FLAT AND  
RELAXED GONADS

MILT RESIDUALS



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## E - OMITTED SPAWNING

UNDETERMINABLE WITH THE NAKED EYE

## F - ABNORMAL

NECROSIS,  
SCLEROSIS OR  
INTERSEX



Picture	Sex	Species	First maturity size
	♂	<i>Sprattus sprattus</i>	8 - 11 cm

### 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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