

**Sprat / *Sprattus sprattus*****A - IMMATURE**

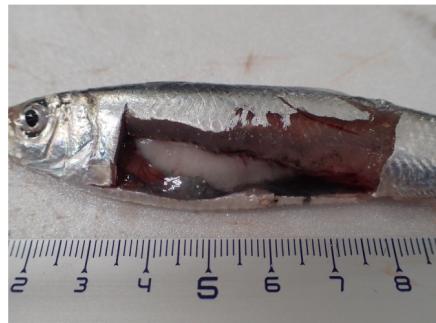
FILIFORM and flattened  
knife-shaped surface

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



**Sprat / *Sprattus sprattus*****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 &amp; WKMATCH 2012),

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