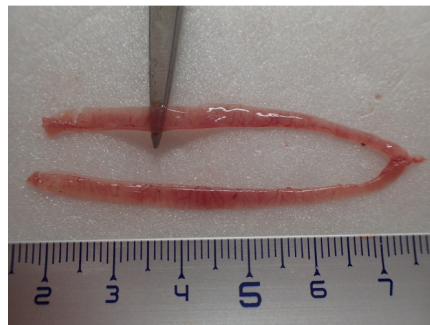


Mackerel / *Scomber scombrus*



A - IMMATURE

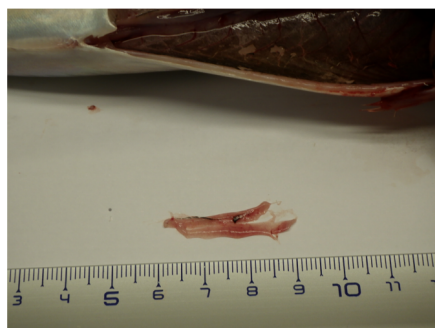
TRANSPARENT TO
TRANSLUCID GONADS



B - DEVELOPING

Gonads are filling and
becoming opaque
KNIFE BLADE SHAPE

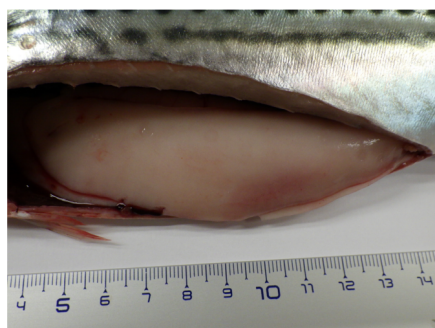
NON-FLOWING
GONADS



C - SPAWNING

FLOWING GONADS

OPAQUE AND
WHITISH GONADS



D - REGRESSION/REGENERATION

BLOOD RESIDUE IN
TISSUES

FLABBY GONADS

MILT RESIDUALS



Mackerel / *Scomber scombrus***E - OMITTED SPAWNING**

UNDETERMINABLE WITH THE NAKED EYE

F - ABNORMALNECROSIS,
SCLEROSIS OR
INTERSEX

Picture	Sex	Species	First maturity size
	♂	<i>Scomber scombrus</i>	19 - 27 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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