

VISUAL MATURITY SCALE

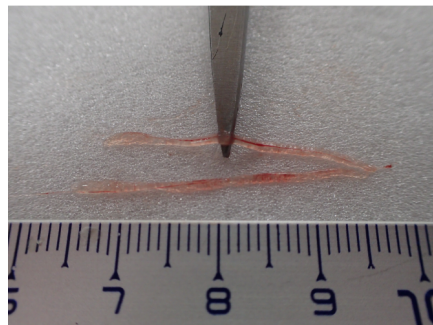
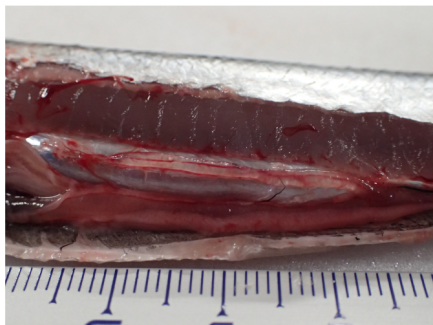
Herring / *Clupea clupea*



A - IMMATURE

FILIFORM and flattened
knife-shaped surface

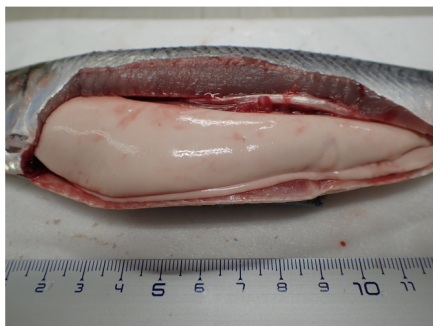
TRANSPARENT TO
TRANSLUCID GONADS



B - DEVELOPING

NON-FLOWING
GONADS

TRANSLUCID TO
WHITISH OPAQUE



C - SPAWNING

FLOWING GONADS

OPAQUE AND
WHITISH GONADS



D - REGRESSION/REGENERATION

BLOOD RESIDUE IN
TISSUES

FLABBY, EMPTY



VISUAL MATURITY SCALE

Herring / *Clupea clupea*



E - OMITTED SPAWNING

UNDETERMINABLE WITH THE NAKED EYE

F - ABNORMAL

NECROSIS,
SCLEROSIS OR
INTERSEX



Picture	Sex	Species	First maturity size
	♂	<i>Clupea clupea</i>	15 - 21 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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