

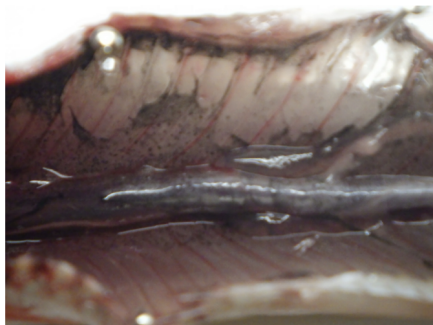
Sardine / *Sardina pilchardus*



A - IMMATURE

EMPTY GONADS,
WITHOUT EGGS
TRANSLUCID WITH
VARIABLE COLOURS

TUBULAR SHAPE



B - DEVELOPING

FILLING OPAQUE
GONADS

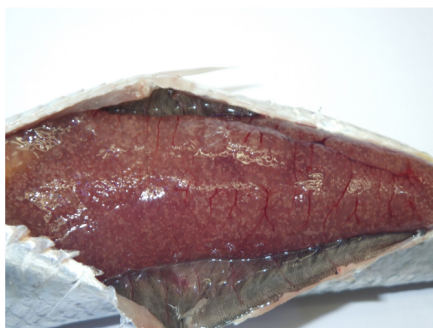
non-hydrated eggs
SOMETIMES visible



C - SPAWNING

AT LEAST 1 VISIBLE
HYDRATED EGG

More and more
transparent



D - REGRESSION/REGENERATION

BLOOD RESIDUE IN
TISSUES
FEW HYDRATED
EGGS STILL PRESENT

FLABBY AND
RELAXED GONADS



Sardine / *Sardina pilchardus***E - OMITTED SPAWNING**

UNDETERMINABLE WITH THE NAKED EYE

F - ABNORMALNECROSIS,
SCLEROSIS OR
INTERSEX

Picture	Sex	Species	First maturity size
		<i>Sardina pilchardus</i>	13 - 18 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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