

Sardine / *Sardina pilchardus***A - IMMATURE**

EMPTY GONADS,
WITHOUT EGGS

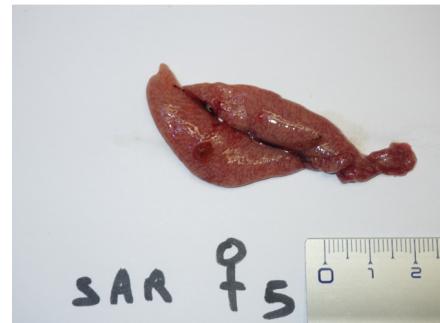
TRANSLUCID WITH
VARIABLE COLOURS

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