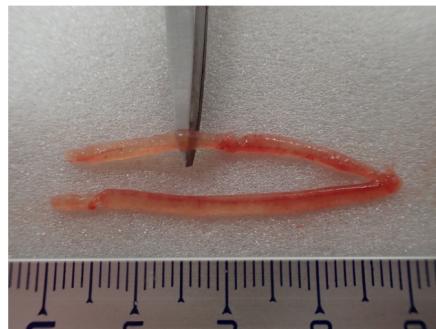


**Herring / *Clupea clupea*****A - IMMATURE**

EMPTY GONADS,  
WITHOUT EGGS

Ovaries = 1/3 of the  
abdominal cavity

TUBULAR SHAPE

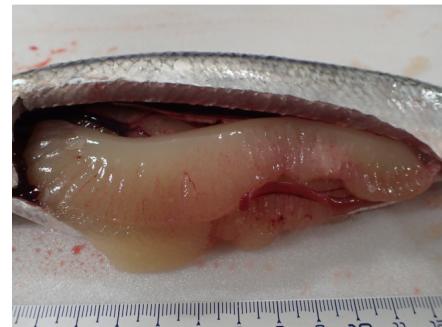
**B - DEVELOPING**

Full and opaque  
non-hydrated eggs  
SOMETIMES visible

Ovaries = 2/3 of the  
abdominal cavity

**C - SPAWNING**

AT LEAST 1 VISIBLE  
HYDRATED EGG

**D - REGRESSION/REGENERATION**

FEW HYDRATED  
EGGS STILL PRESENT

FLABBY AND  
RELAXED GONADS

**NA**

No photo data



**NA**

Pas de données photos



**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 - 20 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