

VISUAL MATURITY SCALE

Herring / *Clupea clupea*

Picture	Sex	Species	First maturity size
	♀	<i>Clupea clupea</i>	15 - 20 cm

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
No photo data



E - OMITTED SPAWNING

NOT DETERMINABLE BY THE EYE

F - ABNORMAL

NECROSIS, SCLEROSIS
OR INTERSEX

NA
No photo data



NA
No photo data



References/Photos :

ICES (WKASMSF 2018 & WKMATCH 2012),
IFREMER