

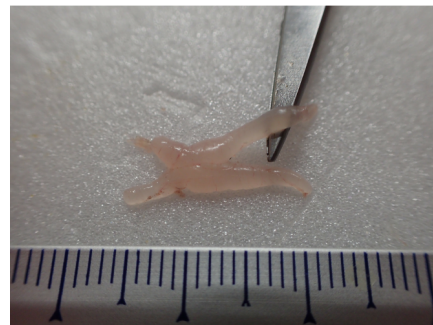
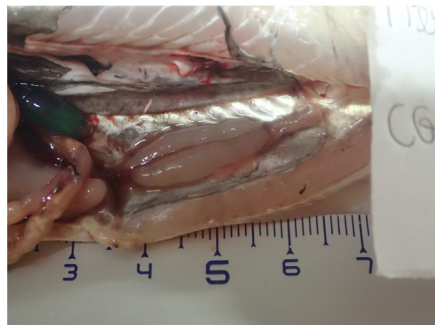
Gadidae / *Gadidae* sp.



A - IMMATURE

TRANSPARENT TO
TRANSLUCID GONADS

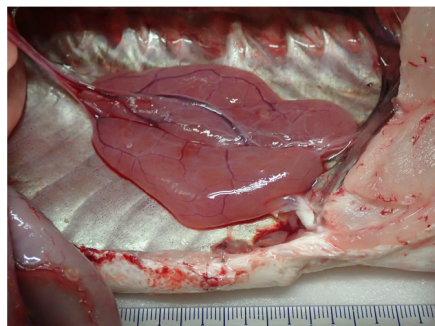
WITHOUT EGGS



B - DEVELOPING

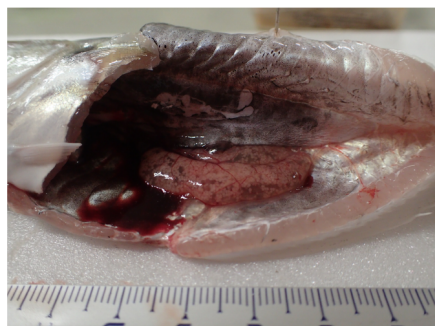
non-hydrated eggs
SOMETIMES visible

OPAQUE GONADS



C - SPAWNING

AT LEAST 1 VISIBLE
HYDRATED EGG



D - REGRESSION/REGENERATION

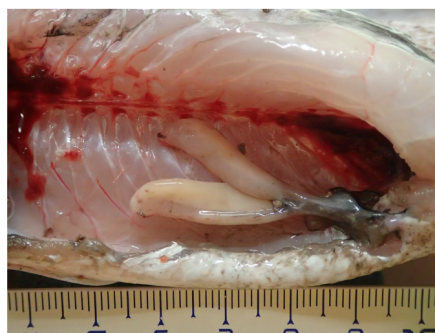
FEW HYDRATED
EGGS STILL PRESENT
FLABBY GONADS AND
THICK INNER LAYER

General aspect
"stunted"



Gadidae / *Gadidae* sp.**E - OMITTED SPAWNING**

UNDETERMINABLE WITH THE NAKED EYE

F - ABNORMALNECROSIS,
SCLEROSIS OR
INTERSEX

Picture	Sex	Species	First maturity size
		Merlangius merlangus	20 - 34 cm
		Melanogrammus aeglefinus	28 - 46 cm
		Gadus morhua	35 - 59 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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