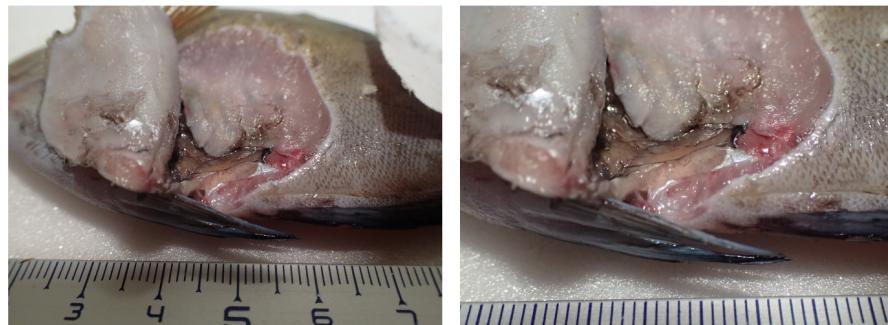
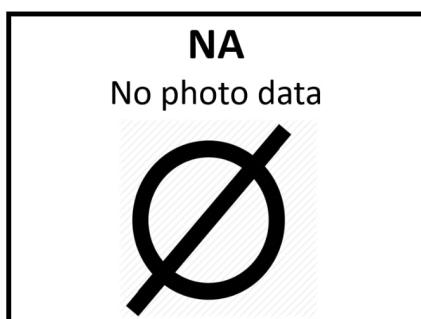


**Surgeonfish / *Acanthurus* sp.****A - IMMATURE**TRANSPARENT TO  
TRANSLUCID GONADS

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 PRESENTFLABBY GONADS AND  
THICK INNER LAYERGeneral aspect  
"stunted"

**Surgeonfish / *Acanthurus* sp.****E - OMITTED SPAWNING**

UNDETERMINABLE WITH THE NAKED EYE

**F - ABNORMAL**NECROSIS,  
SCLEROSIS OR  
INTERSEX

| Picture | Sex | Species                     | First maturity size |
|---------|-----|-----------------------------|---------------------|
|         |     | <i>Acanthurus bahianus</i>  | NA                  |
|         |     | <i>Acanthurus chirurgus</i> | NA                  |

**References/Photos :**

ICES (WKASMSF 2018 &amp; WKMATCH 2012),

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