

VISUAL MATURITY SCALE

Grunt / *Haemulon* sp.

Picture	Sex	Species	First maturity size
		Haemulon carbonarium	NA
		Haemulon flavolineatum	NA
	♀	Haemulon parra	NA
		Haemulon plumieri	NA
		Haemulon sciurus	NA

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

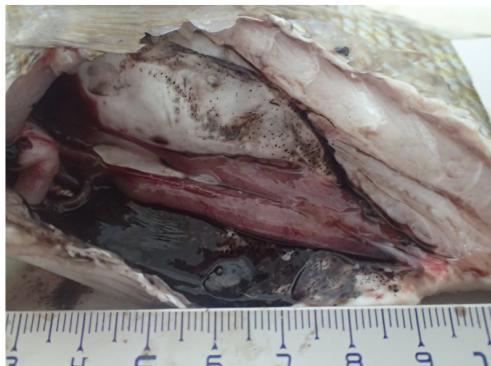


D - REGRESSION/REGENERATION

FEW HYDRATED EGGS
STILL PRESENT

FLABBY GONADS AND
THICK INNER LAYER

General aspect "stunted"

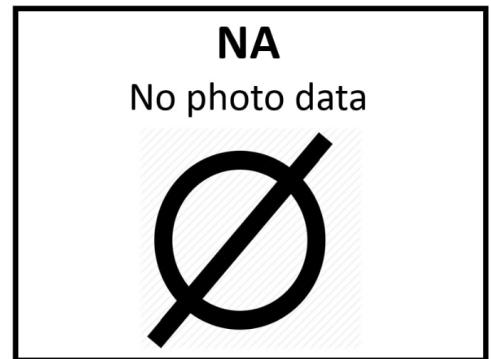


E - OMITTED SPAWNING

NOT DETERMINABLE BY THE EYE

F - ABNORMAL

NECROSIS, SCLEROSIS
OR INTERSEX



References/Photos :

ICES (WKASMSF 2018 & WKMATCH 2012),
IFREMER