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Life-history strategies of a conspicuous reef fish, the Canary damsel *Similiparma lurida* (Pomacentridae) in the northeastern Atlantic

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Supplementary material

Table S1. – Age-length key for *S. lurida* at Gran Canaria Island. n, number of individuals; SD, standard deviation; TL, total length; *, significant differences.

TL (mm)	Age classes (years)																		
	0	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	XIII	XIV	XV	XVI	XVII	XVIII
55	1																		
60																			
65		1	1																
70																			
75				1		1													
80			1	1															
85				1	1														
90				1															
95					1														
100		1				1	1	1		1									
105						1		1											
110						1	1												
115					2		1	3		1		2							
120				1		2	1	2	1	2	2	1		2	1				1
125				1		3		8	6	2	4	5	1	1	1				
130			1		1	4	5	2	2	3	4	3	3						
135				1	3	1	1	3	2	1	2	1	1	2	2	1			
140				1	1		4	2	2	4	2	2	2						
145				1			1	5	3	5	3			2	1				
150								1	2	1									
155															1				
Total	1	2	3	9	9	14	15	28	18	20	17	14	7	7	6	1	0	0	1
Males																			
n			1	5	7	9	11	18	10	13	8	7	3	4	2				
mean			133.0	125.0	126.9	128.6	134.7	136.6	142.1	142.5	139.4	131.7	137.0	135.8	152.0				
SD				28.84	18.82	5.20	8.68	9.94	7.20	6.47	7.33	9.76	6.00	9.77	7.07				
Females																			
n		1		3		5	4	9	8	7	9	6	4	2	4	1			1
mean		103.0		99.0		104.6	119.5	122.3	126.9	121.9	127.6	127.5	132.8	123.0	129.3	136.0			122.0
SD				19.16		17.18	16.54	10.32	2.85	9.55	4.67	2.59	5.56	4.24	6.95	-			-
																			-
Student t-test		-	-	1.368	-	3.988*	2.366*	3.481*	5.603*	5.755*	4.008*	1.018	0.958	1.694	3.755*	-			-

Table S2. – Results of multiple linear regression analyses testing for the relationship between the total abundances of juvenile, sub-adult and adult individuals and structural elements of the habitat for each locality. The Akaike information criterion routine was used to retain variables with good explanatory power.

Total	Juveniles	Sub-adults	Adults
Agaete			
X_1 = small topographical elements	X_1 = sandy cover	X_1 = algal cover	X_1 = sandy cover
X_2 = algal cover	X_2 = large topographical elements	X_2 = small topographical elements	X_2 = small topographical elements
X_3 = sandy cover		X_3 = sandy cover	X_3 = algal cover
$Y = -0.676+0.089X_1+ 0.399X_2+0.07X_3$	$Y = -0.536+0.117X_1+0.175X_2$	$Y = 0.262+0.248X_1+0.034X_2+0.051X_3$	$Y = -0.401-0.097X_1+0.045X_2+0.167X_3$
$r^2 = 0.551$	$r^2 = 0.322$	$r^2 = 0.4771$	$r^2 = 0.446$
Telde			
X_1 = small topographical elements with algae	-	X_1 = small topographical elements with algae	X_1 = small topographical elements with algae
$Y = 49.77+0.254X_1$		$Y = 0.99+0.153X_1$	$Y = 28.887+0.202X_1$
$r^2 = 0.307$		$r^2 = 0.129$	$r^2 = 0.314$