

Table S1. Overview of the mean and S.E.M. [mm] of selected body parameters of *Scyliorhinus canicula* with increasing size classes.

	Stages	1	2	3	4	5	6	7	8
TL	Mean	14.4	22.2	31.1	39.7	54.4	65.8	83.0	93.5
	S.E.M.	0.7	0.9	0.5	0.8	1.1	1.1	1.2	1.0
PRV	Mean	7.5	10.1	12.9	16.7	24.3	30.7	36.7	40.3
	S.E.M.	0.2	0.3	0.2	0.4	0.6	0.8	0.5	0.3
POV	Mean	6.6	11.9	18.1	22.7	29.7	35.0	45.7	52.6
	S.E.M.	0.4	0.6	0.3	0.4	0.6	1.2	0.7	0.6
HL	Mean	3.2	4.6	6.5	8.7	12.8	15.0	17.4	19.0
	S.E.M.	0.1	0.1	0.1	0.3	0.2	0.2	0.3	0.2
BHP	Mean	0.8	1.2	2.1	3.0	4.4	5.1	6.7	7.7
	S.E.M.	0.03	0.1	0.1	0.1	0.1	0.1	0.3	0.1
BHC	Mean	0.5	0.7	1.3	1.9	2.7	3.2	3.9	4.5
	S.E.M.	0.03	0.04	0.04	0.1	0.1	0.0	0.1	0.1
BWP	Mean	0.5	0.8	1.4	2.0	2.8	3.2	4.7	5.6
	S.E.M.	0.02	0.05	0.05	0.1	0.1	0.1	0.2	0.1
BWC	Mean	0.4	0.6	1.0	1.3	1.7	2.0	2.6	3.0
	S.E.M.	0.01	0.04	0.03	0.1	0.1	0.05	0.1	0.1
ID	Mean	1.3	2.1	3.4	4.9	6.1	6.7	7.9	8.5
	S.E.M.	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
OD	Mean	0.5	0.9	1.6	2.3	3.1	3.3	3.7	3.9
	S.E.M.	0.04	0.04	0.04	0.1	0.05	0.04	0.1	0.1
GF	Mean	0.2	1.6	4.2	4.9	2.6	1.7	0.2	1.6
	S.E.M.	0.04	0.3	0.2	0.2	0.3	0.2	0.04	0.3
PFL	Mean	0.9	1.4	1.8	2.7	5.1	6.8	9.2	10.7
	S.E.M.	0.05	0.1	0.1	0.1	0.2	0.2	0.2	0.2
PFB	Mean			1.4	1.6	2.1	2.5	3.5	4.2
	S.E.M.			0.03	0.1	0.1	0.1	0.1	0.1
PFI	Mean			0.6	1.1	2.8	4.3	5.0	5.6
	S.E.M.			0.04	0.1	0.2	0.2	0.1	0.2
RAN [°]	Mean	100.0	92.1	61.8	36.5	20.2	13.9		
	S.E.M.	1.4	4.6	2.1	2.2	0.9	0.9		
INS	Mean	0.7	1.0	2.0	2.5	3.3	3.9	4.7	5.2
	S.E.M.	0.02	0.1	0.05	0.1	0.1	0.1	0.1	0.1
MOL	Mean	0.7	0.6	0.8	1.2	1.9	2.2	2.8	3.0
	S.E.M.	0.03	0.0	0.0	0.0	0.1	0.1	0.0	0.1
MOW	Mean	0.6	1.1	1.9	2.6	4.4	5.5	6.5	7.1
	S.E.M.	0.04	0.1	0.04	0.1	0.1	0.1	0.1	0.1
IDS	Mean				4.9	5.7	7.1	9.1	10.1
	S.E.M.				0.2	0.1	0.2	0.2	0.2

Table S2. Overview of the mean and S.E.M. in relation to the total length [%] of selected body parameters of *Scyliorhinus canicula* with increasing size classes.

	Stages	1	2	3	4	5	6	7	8
PRV	Mean	52.6	45.7	41.4	42.1	44.6	45.3	44.3	43.1
	S.E.M.	1.0	0.6	0.3	0.3	0.4	0.2	0.3	0.2
POV	Mean	47.4	54.3	58.6	57.9	55.4	54.7	55.8	56.9
	S.E.M.	1.0	0.6	0.3	0.3	0.4	0.2	0.3	0.2
HL	Mean	22.5	20.9	21.0	21.8	23.4	22.8	21.0	20.3
	S.E.M.	0.4	0.3	0.1	0.3	0.2	0.2	0.1	0.2
BHP	Mean	5.9	5.5	6.6	7.5	8.1	7.7	8.2	8.3
	S.E.M.	0.1	0.1	0.1	0.1	0.2	0.1	0.3	0.2
BHC	Mean	3.5	3.1	4.2	4.8	5.0	4.9	4.7	4.8
	S.E.M.	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
BWP	Mean	3.6	3.4	4.4	4.9	5.1	4.9	5.7	6.0
	S.E.M.	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
BWC	Mean	2.5	2.5	3.2	3.2	3.1	2.9	3.1	3.2
	S.E.M.	0.1	0.1	0.1	0.1	0.1	0.04	0.1	0.1
ID	Mean	8.7	9.6	10.9	12.3	11.2	10.2	9.6	9.1
	S.E.M.	0.1	0.2	0.2	0.1	0.2	0.2	0.1	0.1
OD	Mean	3.2	4.2	5.0	5.9	5.7	5.1	4.4	4.2
	S.E.M.	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.05
GF	Mean	1.7	6.8	13.6	12.4	4.9	2.8	1.7	6.8
	S.E.M.	0.2	1.0	0.7	0.5	0.6	0.3	0.2	1.0
PFL	Mean	6.1	6.2	5.7	6.8	9.2	10.3	11.1	11.5
	S.E.M.	0.2	0.2	0.1	0.1	0.3	0.2	0.1	0.2
PFB	Mean			4.4	4.0	3.8	3.7	4.2	4.4
	S.E.M.			0.1	0.1	0.1	0.2	0.1	0.1
PFI	Mean			2.0	2.8	5.2	6.4	6.1	5.9
	S.E.M.			0.1	0.2	0.3	0.3	0.1	0.2
RAN	Mean	0.7	0.4	0.2	0.1	0.04	47.4	0.7	0.4
	S.E.M.	0.02	0.03	0.01	0.01	0.002	0.96	0.02	0.03
INS	Mean	5.1	4.7	6.4	6.4	6.1	5.9	5.6	5.5
	S.E.M.	0.2	0.3	0.2	0.1	0.1	0.0	0.1	0.1
MOL	Mean	5.2	3.1	3.1	3.1	3.5	3.4	3.3	3.2
	S.E.M.	0.2	0.3	0.3	0.3	0.1	0.1	0.04	0.05
MOW	Mean	4.3	4.7	6.0	6.5	8.0	8.4	7.9	7.6
	S.E.M.	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
IDS	Mean				11.9	10.5	10.7	11.0	10.8
	S.E.M.				0.3	0.2	0.2	0.2	0.2