

## *Supplementary Material*

### **Cold-water coral habitats in submarine canyons of the Bay of Biscay**

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Table S2: Table including the number of images per coral habitat for each geomorphological class on a 15/25 m resolution (upper part of the Table) and on a 100 m resolution (bottom part of the Table). The morphology – canyon, interfluve or upper slope – are given as well. Slope values in degrees for some geomorphological classes are given in brackets in the first column. The total number of analyzed images is also given.

Geomorphological classes	Morphology	Coral reef	Coral rubble	Colonial scleractinians HS	Solitary scleractinians HS	Antipatharians/ Gorgonians HS	Mixed corals HS	Colonial scleractinians SS	Solitary scleractinians SS	Gorgonians SS	Seapens SS	Mixed corals SS	Total coral habitats	Total number of analyzed images
<b>15/25 m resolution</b>														
Bank	Canyon		12			1	3	1					17	75
Bed (0°-10°)	Canyon		7	1						1			9	129
Bed (10°-20°)	Canyon		27	28		6	1		2	4			68	447
Escarpment (>40°)	Canyon						19				4		23	81
Fall	Canyon		21	3			3						27	161
Flank (5°-10°)	Canyon	13		8		9	2		6	4	10		52	441
Flank (10°-20°)	Canyon	198	9	27	3	41	82	62	6	24	137	14	603	2380
Flank (20°-40°)	Canyon	26	42	99		16	141	31	9	3	42		409	1802

Gully	Canyon			2		3	17					22	127	
Secondary crest	Canyon	58	28	6		4	16		12	4	24	3	155	676
Terrace (<5°) – canyon	Canyon										1		1	159
Interfluve (5°-10°)	Interfluve	50	171	25				41			54		341	801
Interfluve (10°-20°)	Interfluve	104	289	1		1	17	40			45		497	1238
Interfluve (20°-40°)	Interfluve	45	12					32					89	212
Spur crest	Interfluve	8	143					2					153	189
Summit; crest	Interfluve	25	78								19		122	144
Terrace (<5°) – interfluve	Interfluve	16	47					4			63		130	336
Upper slope (2°-5°)	Upper slope		83										83	615
<b>100 m resolution</b>														
Bank	Canyon		5				15						20	41
Bed (<5°)	Canyon								3	5	4		12	70
Bed (5°-10°)	Canyon			1						1			2	156
Escarpment (>25°)	Canyon					13	2				19		34	189
Fall (>40°)	Canyon		8							7		3	18	150
Flank (5°-10°)	Canyon	188	308	15	3		3	48		6	69		640	1696
Flank (10°15°)	Canyon	608	533	113		71	105	218	28	24	298	14	2012	6654
Flank (15°-25°)	Canyon	54	91	102		12	188	86	4	10	46		593	2628
Terrace (<5°) – canyon	Canyon	57	54	184			5	47		1	26	3	377	702
Interfluve (5°-10°)	Interfluve	52	103	25				31			17		228	919
Terrace (<5°) – interfluve	Interfluve	23	55	12				8			69		167	281
Upper slope	Upper slope		83								5		88	1347