

Supplementary material

Table S1 General information of the 30 video-transects taken by the ROV *Eloy V* on the western side of San Andrés Island. Video-transects marked with an asterisk (*) were not taken into account during the image analysis and processing.

Sector	Transect	Date dd/mm/yy	Initial Prof. (m)	Final Prof. (m)	Video length	Still images	Selected still images
Sector 1	G1	26/09/2019	30.4	90.6	1 h 9 min 21 sec	280	52
Sector 1	G3	6/10/2019	30.9	95.1	43 min 23 sec	407	87
Sector 1	G5	25/09/2019	62.4	99.2	39 min 2 sec	112	10
Sector 2	E1	05/10/2019	43.5	107	15 min 11 sec	120	18
Sector 2	E6	24/09/2019	31.5	65.2	38 min 53 sec	159	27
Sector 2	E9	24/09/2019	35.2	94	36 min 46 sec	212	41
Sector 2	E10*	24/09/2019	30.6	65.2	35 min 48 seg	188	-
Sector 2	G9	24/09/2019	30	88.9	38 min 35 sec	301	49
Sector 2	G12	03/10/2019	43.1	136.5	21 min 31 sec	232	62
Sector 2	G14	03/10/2019	30.2	109	16 min 18 sec	170	38
Sector 3	G17*	05/10/2019	30	68	20 min 19 seg	152	-
Sector 3	G18	05/10/2019	30.1	81.8	22 min 41 sec	158	20
Sector 3	G22	04/10/2019	78.7	30.1	20 min 26 sec	121	20
Sector 3	G23	28/09/2019	51.8	144	48 min 43 sec	338	89
Sector 4	G26	28/09/2019	30.1	139.1	37 min 39 sec	393	87
Sector 4	G28	03/10/2019	30.2	110	18 min 09 sec	176	34
Sector 4	G31	05/10/2019	31	92.1	14 min 30 sec	99	17
Sector 4	G32	06/10/2019	57.8	97.2	20 min 03 sec	58	14
Sector 4	G33	03/10/2019	34.6	60.1	15 min 08 sec	58	11
Sector 5	G36	05/10/2019	30.7	86.3	15 min 50 sec	155	12
Sector 5	G39	04/10/2019	46.4	100	36 min 27 sec	140	25
Sector 5	G41	03/10/2019	47.4	74.4	32 min 31 sec	95	18
Sector 6	G44	27/09/2019	30.6	140.6	29 min 23 sec	208	40
Sector 6	G46	27/09/2019	46.2	76.7	16 min 58 sec	168	12
Sector 6	G48*	27/09/2019	31.5	130	32 min 30 seg	245	-
Sector 6	G51	04/10/2019	38	119	16 min 23 sec	133	40
Sector 7	G54	04/10/2019	31.2	146.8	22 min 50 sec	246	47
Sector 7	G56	04/10/2019	32.7	147.1	20 min 29 sec	172	41
Sector 7	G58	02/10/2019	30.4	64.4	14 min 31 sec	66	19
Sector 7	G60	02/10/2019	30.4	124.8	24 min 06 sec	246	56
Total			30	147.1	14 h 15 min	5742	753