		Architecture Exper	riment	Date	Activity level	Zooid length (mm)	Number of zooids	Colony volume (ml)	Container volume (ml)	Treatment	Timespan (min)	Temperature range (°C)	Gross respiration rate (mgO2/ min)	Control rate (mgO2/ min)	Net respiration rate (mgO2/min)	corrected gross respiration rate (pgO2/ min/ml)	net respiration rate (pgO2/ min/ml)
D35-Bros-R-1	Brooksia rostrata	Bipinnate	15	6/27/2022	Anesthetized	8	9	0.5	208	Anesthetized	150	1.7	0.00012	0.00008	0.00005	277.12	104.02
		Bipinnate		9/12/2022 9/14/2022	Anesthetized Anesthetized	4	22 12	0.2		Anesthetized Anesthetized	200	5.1 0.8	0.00007	0.00012	-0.00005 0.00011	364.00 1005.12	-245.14 556.50
		Bipinnate Bipinnate		9/15/2022	Anesthetized	11	37	11.5		Anesthetized	270	0.5	-0.00011	0.00009	-0.00011	-9.52	-9.65
D11-BR-B-1 Bi	Brooksia rostrata	Bipinnate	6	9/22/2021	Moderate	10	14	7.4	208	Intact	295	2.3	-0.00023	-0.00002	-0.00021	-31.60	-28.89
<b>D11-BR-B-2</b> Bi	Brooksia rostrata	Bipinnate	6	9/22/2021	Moderate	7.5	32	8.9	208	Intact	295	2.3	-0.00029	-0.00002	-0.00027	-31.98	-29.73
		Bipinnate		4/19/2022	Moderate	10	8	0.8		Intact	123	1.5	0.00024	0.00010	0.00014	299.86	172.37
		Bipinnate Bipinnate		4/19/2022 4/22/2022	Moderate Moderate	4	14	3.8 0.2			123 150	1.5	0.00040	0.00010	0.00030	106.39 855.52	79.28 579.73
		Bipinnate		4/25/2022	Moderate	4	60	1.0		Intact	126	1.2	0.00019	0.00025	-0.00007	187.34	-67.12
<b>D31-Bros-B-1</b> Bi	Brooksia rostrata	Bipinnate	18	6/30/2022	Moderate	3	7	0.1	208	Intact	180	3.0	0.00005	-0.00003	0.00008	520.00	802.86
		Bipinnate		9/20/2021	Very active	7	28	8.0			300		-0.00040	-0.00009	-0.00031	-49.29	-38.27
		Bipinnate Bipinnate		9/20/2021	Very active	8	24 19	7.9 7.1			300		-0.00047 -0.00038	-0.00009	-0.00038 -0.00029	-59.17 -53.27	-48.00 -40.87
		Bipinnate		6/28/2022	Active	6		0.2			120	2.2	0.00038	0.00006	0.00029	331.59	60.29
<b>D29-Bros-B-1</b> Bi	Brooksia rostrata	Bipinnate	16	6/28/2022	Active	6	8	0.2	208	Paired	90	0.2	-0.00017	-0.00002	-0.00015	-723.48	-640.00
	Brooksia rostrata	Bipinnate	16	6/28/2022	Active	7	17	1.1	208	Paired	120	2.2	0.00011	0.00006	0.00005	100.85	44.12
		Bipinnate		6/28/2022	Active	7	17	1.1		Paired	90	0.2	-0.00021	-0.00002	-0.00020	-195.39	-177.94
	•	Whorl		6/30/2022	Anesthetized Anesthetized	32	8	5.5 8.0	208	Anesthetized Anesthetized	180	3.0	-0.00068 -0.00073	-0.00003 -0.00003	-0.00065 -0.00070	-122.91 -90.69	-117.77 -87.15
	•	Whorl		9/22/2021	Active	45	6	24.3			295	2.3	-0.00073	-0.00003	-0.00073	-113.22	-112.40
<b>D13-CA-B-1</b> C	Cyclosalpa affinis	Whorl	7	9/23/2021	Active	35	6	19.1	208	Intact	30	2.0	-0.00208	0.00010	-0.00218	-108.78	-113.80
		Whorl		9/23/2021	Active	35	6	19.1	208	Intact	105	0.8	-0.00188	-0.00025	-0.00163	-98.49	-85.46
	•	Whorl		9/23/2021	Active	35 50	6	19.1			156	1.6	-0.00137	-0.00006	-0.00131	-71.51 -165.15	-68.28 -167.58
		Whorl		4/19/2022 4/20/2022	Active Moderate	50 35	11	42.0 27.5	208	Intact	123 120	1.5	-0.00694 -0.00467	0.00010	-0.00704 -0.00476	-165.15 -169.74	-167.58 -173.09
_	•	Whorl		4/20/2022	Active	40	8	48.0	980	Intact	120	1.4	-0.00379	0.00009	-0.00389	-79.06	-80.98
<b>D7-CA-B-1</b> C	Cyclosalpa affinis	Whorl	4	9/20/2021	Moderate	40	4	21.4	208	Intact	300	NA	-0.00246	-0.00009	-0.00237	-114.72	-110.57
	Cyclosalpa bakeri	Whorl		7/1/2022	Anesthetized	12	5	1.3	208	Anesthetized	180	3.1	0.00020	0.00007	0.00013	150.48	97.73
	•	Whorl		9/14/2022	Anesthetized	9	4	0.2			240	0.8	0.00019	0.00009	0.00010	968.82	520.20
	•	Whorl		4/21/2022 9/13/2022	Moderate Low	12	6	3.6 1.5	208	Intact	120	0.3	-0.00003 -0.00014	0.00026	-0.00030 -0.00014	-9.52 -91.02	-82.25 -93.65
_	•	Whorl		05/06/2023	Moderate	20	9	7.0	208	Paired	264	2.3	-0.00063	-0.00004	-0.00059	-90.69	-84.52
<b>D44-Cbak-B-1</b> C	Cyclosalpa bakeri	Whorl	27	05/06/2023	Moderate	20	9	7.0	208	Paired	155	0.7	-0.00004	0.00007	-0.00011	-5.80	-15.69
_	•	Whorl		05/06/2023	Moderate	17	11	5.1	208	Paired	264	2.3	-0.00058	-0.00004	-0.00054	-114.15	-105.68
	,	Whorl		05/06/2023	Moderate	17	11	5.1	208		155	0.7	-0.00004	0.00007	-0.00011	-8.22	-21.80
	•	Whorl		05/06/2023 05/06/2023	Moderate Moderate	22	5	2.0	208	Paired Paired	264 155	2.3 0.7	-0.00047 -0.00003	-0.00004 0.00007	-0.00043 -0.00010	-237.16 -14.67	-215.58 -49.30
		Cluster		05/06/2023	Anesthetized	23	7	9.0		Anesthetized	352	2.3	-0.00038	-0.00003	-0.00034	-41.69	-38.12
<b>D32-Cpol-B-1</b> C	Cyclosalpa polae	Cluster	19	7/1/2022	Low	28	13	6.0	980	Intact	180	3.1	-0.00094	0.00007	-0.00101	-157.50	-168.93
-		Cluster			Moderate	21	1	1.0	208	Paired	147	2.1	-0.00010	0.00057	-0.00066	-95.55	-662.51
		Cluster		05/08/2023	Moderate Moderate	21 17	1	2.3	208	Paired Paired	103 200	0.6	0.00026 -0.00040	0.00067	-0.00040 -0.00104	263.60	-402.33 -454.11
-		Cluster			Moderate	17	4	2.3	208	Paired	97	0.6	0.00010	0.00094	-0.00104	44.46	-363.55
<b>D50-Cpol-B-2</b> C	Cyclosalpa polae	Cluster	30	05/09/2023	Low	25	6	7.6	490	Paired	200	1.6	-0.00132	0.00064	-0.00196	-173.30	-257.62
<b>D50-Cpol-B-2</b> C	Cyclosalpa polae	Cluster	30	05/09/2023	Low	25	6	7.6	490	Paired	97	0.6	-0.00060	0.00094	-0.00154	-79.43	-202.90
-		Cluster			Moderate	12	8	2.1	208	Paired	157	1.5	-0.00038	0.00036	-0.00074	-181.94	-352.24
		Cluster		05/10/2023	Moderate Low	12	10	1.8	208	Paired Paired	137 138	0.7 1.9	0.00005 -0.00026	0.00052	-0.00047 -0.00036	-146.33	-224.43 -197.99
-		Cluster		05/10/2023		14	10	1.8			122	0.6	-0.00015	0.00008	-0.00023	-82.84	-129.00
<b>D31-Cqua-B-1</b> C	Cyclosalpa quadriluminis	Whorl	18	6/30/2022	Anesthetized	13	16	2.8	208	Anesthetized	180	3.0	-0.00027	-0.00003	-0.00024	-96.39	-86.29
	· · ·	Whorl		9/16/2022	Anesthetized	28	5	28.0	208	Anesthetized	424	1.0	-0.00111	-0.00005	-0.00105	-39.49	-37.67
	Cyclosalpa quadriluminis Cyclosalpa quadriluminis	Whorl		4/25/2022 9/15/2022	Moderate  Moderate	25 17	11	4.0 5.5	208		126 270	0.5	-0.00060 -0.00110	0.00025	-0.00085 -0.00110	-148.82 -199.57	-212.43 -199.85
-		Whorl		05/06/2023	Active	35	6	15.0	490	Intact	270	1.4	-0.00110	-0.00029	-0.00110	-330.02	-310.82
		Whorl		05/09/2023	Anesthetized	29	8	21.0		Paired	187	1.2	-0.00088	0.00005	-0.00093	-41.91	-44.24
	Cyclosalpa sewelli	Cluster		6/27/2022	Anesthetized	12	10	2.4	208	Anesthetized	150	1.7	0.00001	0.00008	-0.00007	2.96	-29.50
	•	Cluster		6/27/2022	Anesthetized	8	16	2.5	208	Anesthetized	150	1.7	0.00000	0.00008	-0.00008	0.57	-30.59
	•	Cluster		9/14/2022 4/19/2022	Anesthetized Moderate	15	15 7	1.3 4.4	208		240 123	0.8	0.00013 -0.00004	0.00009	0.00004 -0.00014	-9.75	31.56 -32.93
	•	Cluster		4/24/2022	Moderate	35	1	2.4	208	Intact	123	1.1	-0.00025	0.00007	-0.00032	-102.22	-133.20
D4-Csew-B-1	Cyclosalpa sewelli	Cluster	2	9/19/2021	Low	20	1	10.5	208	Intact	60	NA	-0.00001	0.00049	-0.00050	-1.32	-47.35
	· ·	Cluster		9/21/2021	Moderate	25	4	13.6		Intact	360	1.6	-0.00057	-0.00006	-0.00051	-42.01	-37.36
	· ·	Cluster		9/21/2021	Moderate  Moderate	25 20	6	13.9			360 360	1.6	-0.00069 -0.00027	-0.00006 -0.00006	-0.00062 -0.00021	-49.20 -25.47	-44.65 -19.55
		Cluster		9/21/2021	Moderate	25	1	13.1	208		360	1.6	-0.00027	-0.00006	-0.00021	-18.86	-14.04
	· ·	Cluster		6/28/2022	Moderate	19	5	4.5			120	2.2	-0.00028	0.00006	-0.00034	-61.63	-75.50
<b>D29-Csew-B-1</b> Cy	Cyclosalpa sewelli	Cluster	16	6/28/2022	Moderate	19	5	4.5	208	Paired	90	0.2	-0.00033	-0.00002	-0.00031	-72.41	-68.15
	, ,	Helical		9/16/2022	Moderate	12	68	13.0	980	Intact	312	0.5	-0.00328	-0.00004	-0.00324	-252.24	-249.06
	, ,	Helical Helical		05/10/2023	Moderate Moderate	16 16		16.5 16.5	980 980		138 122	1.9 0.6	-0.00401 -0.00061	0.00009	-0.00410 -0.00069	-242.74 -36.93	-248.37 -41.97
		Linear		6/29/2022	Anesthetized	11	9	12.0			142	0.6	-0.00061	0.00008	-0.00069	-6.06	-41.97 -7.34
-	-	Linear		7/1/2022	Anesthetized	6		0.1		Anesthetized	180	3.1	0.00013	0.00007	0.00006	1312.38	626.67
-	asis cylindrica	Linear	20	9/11/2022	Anesthetized	6	11	0.3	208	Anesthetized	180	1.8	0.00016	0.00025	-0.00009	533.71	-303.83
	-	Linear		9/22/2021	Very active	15	12	9.7			295	2.3	-0.00113	-0.00002	-0.00111	-116.62	-114.55
	-	Linear		9/23/2021	Very active	10		9.6			246 246	3.9	-0.00141 -0.00213	-0.00014 -0.00014	-0.00127 -0.00199	-168.66 -221.66	-152.14 -207.31
	•	Linear		9/23/2021	Very active	10		10.5			30	2.0	-0.00213	0.00014	-0.00199	-221.66	-304.95

D14-WC-B-3		-	0/00/0004		40	0.4	40.5	200		405		0.0001	0.00005	0.0000	0.47.00	004.40
D14 WC B 4	lasis cylindrica	Linear 7	9/23/2021	Very active	10	34	10.5			105	0.8	-0.00261	-0.00025	-0.00236	-247.82	-224.19
D14-WC-B-4	lasis cylindrica	Linear 7 Linear 11	9/23/2021 4/22/2022	Very active	10 7	34	10.5			156 150	1.6	-0.00184 -0.00016	-0.00006 0.00006	-0.00178 -0.00021	-174.65 -121.33	-168.79 -163.75
D21-lcyl-B-1	lasis cylindrica			Moderate		21	1.3				1.2					
D21-lcyl-B-2A	lasis cylindrica	Linear 11		Very active	15	28	6.0			150	1.2	-0.00173	0.00006	-0.00179	-289.10	-298.29
D21-lcyl-B-2B	lasis cylindrica	Linear 11		Very active	15	15	3.0			150	1.2	-0.00011	0.00006	-0.00016	-36.30	-54.68
D23-lcyl-B-1	lasis cylindrica	Linear 12		Active	15 7	44	14.1			123	1.1	-0.00318	0.00007	-0.00326	-225.69	-230.96
D32-lcyl-B2	lasis cylindrica		7/1/2022	Active		76	0.5			180	3.1	-0.00064	0.00007	-0.00071	-1277.71	-1414.86
D41-lcyl-B-1	lasis cylindrica	Linear 24		Active	10	10	1.5			105	0.2	-0.00055	0.00004	-0.00059	-367.28	-395.82
D41-lcyl-B-1	lasis cylindrica	Linear 24		Active	10	10	1.5			115	0.2	-0.00030	-0.00001	-0.00029	-199.35	-190.74
D48-lpun-B-1	Ihlea punctata	Linear 29		Moderate	12	68	3.7			147	2.1	-0.00521	0.00057	-0.00578	-1407.69	-1560.92
D48-lpun-B-1	Ihlea punctata	Linear 29		Moderate	12	68	3.7			103	0.6	0.00035	0.00067	-0.00032	94.70	-85.28
D39-Mhex-B-1	Metcalfina hexagona	Linear 23		Anesthetized	28	16	22.0			240	0.8	-0.00104	0.00077	-0.00180	-47.07	-81.93
D27-Pcon-B-1	Pegea sp.		6/26/2022	Anesthetized	28	2	3.5			120	2.0	-0.00006	0.00004	-0.00010	-18.15	-28.70
D30-Pco-B-1	Pegea sp.		6/29/2022	Anesthetized	36	5	15.0			142	0.9	0.00021	0.00002	0.00020	14.32	13.30
D35-Pcon-B-1	Pegea sp.	Transversal 21		Anesthetized	35	8	23.0			200	5.1	-0.00153	0.00012	-0.00165	-66.65	-71.95
D37-Pcon-B-1	Pegea sp.		9/13/2022	Anesthetized	60	12	80.0			180	0.3	-0.00920	0.00003	-0.00923	-115.01	-115.42
D19-Pso-B-1	Pegea sp.		4/21/2022	Moderate	80	5	65.0			120	1.2	-0.01312	0.00026	-0.01338	-201.78	-205.81
D19-Pso-B-3	Pegea sp.		4/21/2022 4/21/2022	Moderate  Moderate	65	3	50.0 18.0			120 120	1.2	-0.01116 -0.00168	0.00026 0.00026	-0.01142 -0.00195	-223.24 -93.56	-228.48 -108.10
D19-PS0-B-3	Pegea sp.	Transversal 10 Transversal 12	4/21/2022	Moderate	65 30	22	44.0			123	1.2	-0.00704	0.00026	-0.00193	-160.07	-161.76
D25-Pso-B-1	Pegea sp. Pegea sp.		4/25/2022	Active	42	7	35.0			126	1.2	-0.00764	0.00007	-0.00712	-76.73	-126.97
D31-Pcon-B-2	Pegea sp.		6/30/2022	Moderate	41	3	9.0			180	3.0	-0.00209	-0.00003	-0.00444	-128.33	-125.19
D5-PC-B-1	Pegea sp.		9/19/2021	Moderate	25	5	13.8			259		-0.00113	-0.00003	-0.000113	-30.76	-30.39
D46-Psp-B-1	Pegea sp.		05/07/2023	Moderate	12	87	4.9			243	1.3	-0.00170	0.00015	-0.00042	-347.02	-377.14
D46-Psp-B-1	Pegea sp.	Transversal 28		Moderate	12	87	4.9		Paired	74	0.4	-0.00073	0.00017	-0.00090	-149.42	-184.55
D52-Psp-B-1	Pegea sp.	Transversal 31			43	8	18.0			157	1.5	-0.00561	0.00017	-0.00597	-311.81	-331.67
D52-Psp-B-1	Pegea sp.	Transversal 31			43	8	18.0			137	0.7	0.00015	0.00052	-0.00397	8.11	-20.82
D30-Ramb-B-1	Ritteriella amboinensis		6/29/2022	Anesthetized	18	3	1.5			142	0.7	0.00013	0.00032	0.00008	66.31	56.09
D30-Ramb-B-2	Ritteriella amboinensis	· .	6/29/2022	Anesthetized	15	5	0.8			142	0.9	0.00010	0.00002	0.00008	124.46	105.29
D30-Ramb-B-4	Ritteriella amboinensis	· ·	6/29/2022	Anesthetized	22	38	6.3			142	0.9	-0.00036	0.00002	-0.00037	-56.69	-59.13
D23-Ramb-B-1	Ritteriella amboinensis	· .	4/24/2022	Moderate	40	23	40.0			123	1.1	-0.00164	0.00007	-0.00171	-40.95	-42.81
D27-Ramb-B-1	Ritteriella amboinensis		6/26/2022	Moderate	28	10	3.5			120	2.0	-0.00009	0.00004	-0.00012	-24.44	-34.99
D27-Ramb-B-2	Ritteriella amboinensis	· .	6/26/2022	Moderate	15	5	2.5			120	2.0	-0.00003	0.00004	-0.00006	-10.79	-25.57
D30-Ramb-B-3	Ritteriella amboinensis	·	6/29/2022	Moderate	17	5	1.4			142	0.9	-0.00002	0.00002	-0.00004	-17.68	-28.64
D47-Rret-B-1	Ritteriella retracta	Bipinnate 28	05/07/2023	Moderate	31	2	1.2	208	Paired	133	0.6	-0.00095	-0.00134	0.00039	-789.91	323.08
D47-Rret-B-1	Ritteriella retracta	Bipinnate 28	05/07/2023	Moderate	31	2	1.2	208	Paired	115	0.4	-0.00012	-0.00051	0.00039	-95.94	328.64
D50-Rret-B-1	Ritteriella retracta	Bipinnate 30	05/09/2023	Low	31	8	7.8	980	Paired 2	200	1.6	-0.00161	0.00064	-0.00225	-205.81	-287.97
D50-Rret-B-1	Ritteriella retracta	Bipinnate 30	05/09/2023	Low	31	8	7.8	980	Paired	97	0.6	0.00063	0.00094	-0.00030	81.28	-39.03
D22-Rsp-B-1	Ritteriella retracta	Bipinnate 20	9/11/2022	Anesthetized	25	25	11.0	980	Anesthetized	180	1.8	-0.00026	0.00025	-0.00051	-23.75	-46.59
D37-Rsp-B-1	Ritteriella retracta	Bipinnate 22	9/13/2022	Anesthetized	57	8	63.0	980	Anesthetized	180	0.3	-0.00456	0.00003	-0.00460	-72.43	-72.95
D25-Rsp-B-1	Ritteriella retracta	Bipinnate 21	9/12/2022	Moderate	33	14	18.2	980	Intact 2	200	5.1	-0.00216	0.00010	-0.00225	-118.46	-123.69
D32-Rsp-B-1	Ritteriella retracta	Bipinnate 19	7/1/2022	Moderate	30	55	34.0	980	Intact	180	3.1	-0.01511	0.00007	-0.01518	-444.36	-446.38
D28-Sasp-B-2	Salpa aspera	Linear 15	6/27/2022	Anesthetized	22	57	16.5	980	Anesthetized	150	1.7	-0.00152	0.00008	-0.00159	-91.90	-96.62
D32-Sasp-B-1	Salpa aspera	Linear 19	7/1/2022	Anesthetized	28	9	6.0	208	Anesthetized	180	3.1	-0.00104	0.00007	-0.00111	-174.16	-185.59
D27-Sasp-B-1	Salpa aspera	Linear 14	6/26/2022	Active	45	3	8.0	980	Intact	120	2.0	0.00100	0.00004	0.00097	125.43	120.82
D27-Sasp-B-2	Salpa aspera	Linear 14	6/26/2022	Active	39	13	15.5	980	Intact	120	2.0	-0.00648	0.00004	-0.00652	-418.10	-420.48
D28-Sasp-B-1	Salpa aspera	Lincor 15	6/27/2022	Active	20	10	3.3	208	Intact	150	1.7	-0.00064	0.00008	-0.00072	-195.33	-218.93
D49-Sasp-B-1		Linear 15			20		- 4		Paired	135		-0.00179				
	Salpa aspera	Linear 29		Moderate	38	5	5.4	980			1.7	0.00173	0.00034	-0.00214	-332.12	-395.96
D49-Sasp-B-1	Salpa aspera Salpa aspera		05/08/2023	Moderate Moderate		5	5.4		Paired	70	0.5	-0.00042	0.00034 0.00014	-0.00214 -0.00056	-332.12 -78.48	-395.96 -104.23
D49-Sasp-B-1 D33-Sfus-B-1		Linear 29	05/08/2023 05/08/2023		38	-		980		70 180						
-	Salpa aspera	Linear 29 Linear 29	05/08/2023 05/08/2023 9/11/2022	Moderate	38 38	5	5.4	980 208	Anesthetized		0.5	-0.00042	0.00014	-0.00056	-78.48	-104.23
D33-Sfus-B-1	Salpa aspera Salpa fusiformis	Linear 29 Linear 29 Linear 20	05/08/2023 05/08/2023 9/11/2022 9/12/2022	Moderate Anesthetized	38 38 28	5	5.4 1.0	980 208 208	Anesthetized 2	180	0.5 1.8	-0.00042 0.00017	0.00014 0.00025	-0.00056 -0.00008	-78.48 166.95	-104.23 -84.31
D33-Sfus-B-1	Salpa aspera Salpa fusiformis Salpa fusiformis	Linear       29         Linear       29         Linear       20         Linear       21         Linear       23	05/08/2023 05/08/2023 9/11/2022 9/12/2022	Moderate Anesthetized Anesthetized	38 38 28 15	5 3 13	5.4 1.0 1.6	980 208 208 208	Anesthetized 2 Anesthetized 2 Anesthetized 2	180	0.5 1.8 5.1	-0.00042 0.00017 -0.00013	0.00014 0.00025 0.00012	-0.00056 -0.00008 -0.00026	-78.48 166.95 -83.57	-104.23 -84.31 -159.71
D33-Sfus-B-1 D35-Sfus-B-1 D39-Sfus-B-1	Salpa aspera Salpa fusiformis Salpa fusiformis Salpa fusiformis	Linear       29         Linear       29         Linear       20         Linear       21         Linear       23         Linear       14	05/08/2023 05/08/2023 9/11/2022 9/12/2022 9/14/2022	Moderate Anesthetized Anesthetized Anesthetized	38 38 28 15 13	5 3 13 16	5.4 1.0 1.6 1.0	980 208 208 208 208	Anesthetized 2 Anesthetized 2 Anesthetized 2 Intact 1	180 200 240	0.5 1.8 5.1 0.8	-0.00042 0.00017 -0.00013 0.00011	0.00014 0.00025 0.00012 0.00009	-0.00056 -0.00008 -0.00026 0.00002	-78.48 166.95 -83.57 111.99	-104.23 -84.31 -159.71 22.27
D33-Sfus-B-1 D35-Sfus-B-1 D39-Sfus-B-1 D27-Sfus-B-1	Salpa aspera Salpa fusiformis Salpa fusiformis Salpa fusiformis Salpa fusiformis	Linear       29         Linear       29         Linear       20         Linear       21         Linear       23         Linear       14	05/08/2023 05/08/2023 9/11/2022 9/12/2022 9/14/2022 6/26/2022 6/27/2022	Moderate Anesthetized Anesthetized Anesthetized Moderate	38 38 28 15 13	5 3 13 16 5	5.4 1.0 1.6 1.0	980 208 208 208 208 208 980	Anesthetized 2 Anesthetized 2 Anesthetized 2 Intact 1	180 200 240 120	0.5 1.8 5.1 0.8 2.0	-0.00042 0.00017 -0.00013 0.00011 -0.00006	0.00014 0.00025 0.00012 0.00009 0.00004	-0.00056 -0.00008 -0.00026 0.00002 -0.00009	-78.48 166.95 -83.57 111.99 -35.03	-104.23 -84.31 -159.71 22.27 -58.11
D33-Sfus-B-1 D35-Sfus-B-1 D39-Sfus-B-1 D27-Sfus-B-1 D28-Sfus-B1 D33-Sfus-B-2 D53-Sfus-B-1	Salpa aspera Salpa fusiformis Salpa fusiformis Salpa fusiformis Salpa fusiformis Salpa fusiformis	Linear       29         Linear       20         Linear       21         Linear       23         Linear       14         Linear       15         Linear       20         Linear       31	05/08/2023 05/08/2023 9/11/2022 9/12/2022 9/14/2022 6/26/2022 6/27/2022 9/11/2022 05/10/2023	Moderate Anesthetized Anesthetized Anesthetized Moderate Active Moderate Active	38 38 28 15 13 15	5 3 13 16 5 19 11 24	5.4 1.0 1.6 1.0 1.6 1.8 5.5 2.0	980 208 208 208 208 980 208 980	Anesthetized Anesthetized Anesthetized Anesthetized Intact Intact Intact Paired	180 200 240 120 150 180	0.5 1.8 5.1 0.8 2.0 1.7 1.8 1.9	-0.00042 0.00017 -0.00013 0.00011 -0.00006 0.00035 -0.00104 -0.00024	0.00014 0.00025 0.00012 0.00009 0.00004 0.00008 0.00025 0.00009	-0.00056 -0.00008 -0.00026 0.00002 -0.00009 0.00027 -0.00129 -0.00034	-78.48 166.95 -83.57 111.99 -35.03 192.01 -188.46 -122.15	-104.23 -84.31 -159.71 22.27 -58.11 148.73 -234.15 -168.65
D33-Sfus-B-1 D35-Sfus-B-1 D39-Sfus-B-1 D27-Sfus-B-1 D28-Sfus-B1 D33-Sfus-B-2 D53-Sfus-B-1 D53-Sfus-B-1	Salpa aspera Salpa fusiformis	Linear       29         Linear       20         Linear       21         Linear       23         Linear       14         Linear       15         Linear       20         Linear       31         Linear       31         Linear       31	05/08/2023 05/08/2023 9/11/2022 9/12/2022 9/14/2022 6/26/2022 6/27/2022 9/11/2022 05/10/2023	Moderate Anesthetized Anesthetized Anesthetized Moderate Active Moderate Active Active Active	38 38 28 15 13 15 12 27 14	5 3 13 16 5 19 11 24 24	5.4 1.0 1.6 1.0 1.6 1.8 5.5 2.0 2.0	980 208 208 208 208 980 208 980 980	Anesthetized Anesthetized Anesthetized Intact Intact Intact Paired Anesthetized	180 200 240 120 150 180 138	0.5 1.8 5.1 0.8 2.0 1.7 1.8 1.9	-0.00042 0.00017 -0.00013 0.00011 -0.00006 0.00035 -0.00104 -0.00024 0.00002	0.00014 0.00025 0.00012 0.00009 0.00004 0.00008 0.00025 0.00009	-0.00056 -0.00008 -0.00026 0.00002 -0.00009 0.00027 -0.00129 -0.00034 -0.00007	-78.48 166.95 -83.57 111.99 -35.03 192.01 -188.46 -122.15 8.81	-104.23 -84.31 -159.71 22.27 -58.11 148.73 -234.15 -168.65 -32.73
D33-Sfus-B-1 D35-Sfus-B-1 D39-Sfus-B-1 D27-Sfus-B-1 D28-Sfus-B1 D33-Sfus-B-2 D53-Sfus-B-1 D53-Sfus-B-1 D29-Smax-B-1a	Salpa aspera Salpa fusiformis	Linear       29         Linear       29         Linear       20         Linear       21         Linear       23         Linear       14         Linear       15         Linear       20         Linear       31         Linear       31         Linear       16	05/08/2023 05/08/2023 9/11/2022 9/12/2022 9/14/2022 6/26/2022 6/27/2022 9/11/2022 05/10/2023 05/10/2023 6/28/2022	Moderate Anesthetized Anesthetized Anesthetized Moderate Active Moderate Active Active Active Active Active	38 38 28 15 13 15 12 27 14 14 115	5 3 13 16 5 19 11 24	5.4 1.0 1.6 1.0 1.6 1.8 5.5 2.0 2.0 55.0	980 208 208 208 208 980 208 980 980 980	Anesthetized Anesthetized Anesthetized Anesthetized Intact Intact Intact Paired Paired Anesthetized	180 200 240 120 150 180 138 122	0.5 1.8 5.1 0.8 2.0 1.7 1.8 1.9 0.6 2.2	-0.00042 0.00017 -0.00013 0.00011 -0.00006 0.00035 -0.00104 -0.00024 0.00002 -0.00268	0.00014 0.00025 0.00012 0.00009 0.00004 0.00008 0.00025 0.00009 0.00008	-0.00056 -0.00008 -0.00026 0.00002 -0.00009 0.00027 -0.00129 -0.00034 -0.00007 -0.00274	-78.48 166.95 -83.57 111.99 -35.03 192.01 -188.46 -122.15 8.81 -48.70	-104.23 -84.31 -159.71 22.27 -58.11 148.73 -234.15 -168.65 -32.73 -49.84
D33-Sfus-B-1 D35-Sfus-B-1 D39-Sfus-B-1 D27-Sfus-B-1 D28-Sfus-B1 D33-Sfus-B-2 D53-Sfus-B-1 D53-Sfus-B-1 D29-Smax-B-1a D37-Smax-B-1	Salpa aspera Salpa fusiformis	Linear       29         Linear       20         Linear       21         Linear       23         Linear       14         Linear       15         Linear       31         Linear       31         Linear       16         Linear       22	05/08/2023 05/08/2023 9/11/2022 9/12/2022 9/14/2022 6/26/2022 6/27/2022 9/11/2022 05/10/2023 05/10/2023 6/28/2022 9/13/2022	Moderate Anesthetized Anesthetized Anesthetized Moderate Active Moderate Active Active Active Anesthetized Anesthetized Anesthetized	38 38 28 15 13 15 12 27 14 14 115 70	5 3 13 16 5 19 11 24 24 3	5.4 1.0 1.6 1.0 1.6 1.8 5.5 2.0 2.0 55.0 7.0	980 208 208 208 208 980 208 980 980 980 208	Anesthetized Anesthetized Anesthetized Intact Intact Intact Paired Paired Anesthetized Anesthetized Anesthetized	180 200 240 120 150 180 138 122 120	0.5 1.8 5.1 0.8 2.0 1.7 1.8 1.9 0.6 2.2 0.3	-0.00042 0.00017 -0.00013 0.00011 -0.00006 0.00035 -0.00104 -0.00024 0.00002 -0.00268 0.00099	0.00014 0.00025 0.00012 0.00009 0.00004 0.00008 0.00025 0.00009 0.00008 0.00006	-0.00056 -0.00008 -0.00026 0.00002 -0.00009 0.00027 -0.00129 -0.00034 -0.00007 -0.00274 0.00096	-78.48 166.95 -83.57 111.99 -35.03 192.01 -188.46 -122.15 8.81 -48.70 141.67	-104.23 -84.31 -159.71 22.27 -58.11 148.73 -234.15 -168.65 -32.73 -49.84 137.02
D33-Sfus-B-1 D35-Sfus-B-1 D39-Sfus-B-1 D27-Sfus-B-1 D28-Sfus-B1 D33-Sfus-B-2 D53-Sfus-B-1 D53-Sfus-B-1 D29-Smax-B-1a D37-Smax-B-1 D41-Smax-B-1	Salpa aspera Salpa fusiformis Salpa maxima Salpa maxima Salpa maxima	Linear       29         Linear       20         Linear       21         Linear       23         Linear       14         Linear       15         Linear       31         Linear       31         Linear       16         Linear       22         Linear       24	05/08/2023 05/08/2023 9/11/2022 9/12/2022 9/14/2022 6/26/2022 6/27/2022 9/11/2022 05/10/2023 05/10/2023 6/28/2022 9/13/2022 9/15/2022	Moderate Anesthetized Anesthetized Anesthetized Moderate Active Moderate Active Active Active Anesthetized Anesthetized Anesthetized Anesthetized	38 38 28 15 13 15 12 27 14 14 115 70 65	5 3 13 16 5 19 11 24 24 3 1	5.4 1.0 1.6 1.0 1.6 1.8 5.5 2.0 2.0 55.0 7.0	980 208 208 208 208 980 208 980 980 208 980	Anesthetized Anesthetized Anesthetized Anesthetized Intact Intact Intact Paired Anesthetized Anesthetized Anesthetized Anesthetized Anesthetized Anesthetized	180 200 240 120 150 180 138 122 120 180 270	0.5 1.8 5.1 0.8 2.0 1.7 1.8 1.9 0.6 2.2 0.3 0.5	-0.00042 0.00017 -0.00013 0.00011 -0.00006 0.00035 -0.00104 -0.00024 0.00002 -0.00268 0.00099 -0.00264	0.00014 0.00025 0.00012 0.00009 0.00004 0.00008 0.00009 0.00008 0.00006 0.00003	-0.00056 -0.00008 -0.00026 0.00002 -0.00009 0.00027 -0.00129 -0.00034 -0.00007 -0.00274 0.00096 -0.00264	-78.48 166.95 -83.57 111.99 -35.03 192.01 -188.46 -122.15 8.81 -48.70 141.67 -155.19	-104.23 -84.31 -159.71 22.27 -58.11 148.73 -234.15 -168.65 -32.73 -49.84 137.02 -155.28
D33-Sfus-B-1 D35-Sfus-B-1 D39-Sfus-B-1 D27-Sfus-B-1 D28-Sfus-B-1 D33-Sfus-B-2 D53-Sfus-B-1 D53-Sfus-B-1 D29-Smax-B-1a D37-Smax-B-1 D41-Smax-B-1 D45-Smax-B-1	Salpa aspera Salpa fusiformis Salpa maxima Salpa maxima Salpa maxima Salpa maxima Salpa maxima	Linear       29         Linear       20         Linear       21         Linear       23         Linear       14         Linear       15         Linear       31         Linear       31         Linear       16         Linear       22         Linear       24         Linear       27	05/08/2023 05/08/2023 9/11/2022 9/12/2022 9/14/2022 6/26/2022 6/27/2022 9/11/2022 05/10/2023 05/10/2023 6/28/2022 9/13/2022 9/15/2022 05/06/2023	Moderate Anesthetized Anesthetized Anesthetized Moderate Active Moderate Active Active Active Anesthetized Anesthetized Anesthetized Anesthetized Anesthetized	38 38 28 15 13 15 12 27 14 14 115 70 65 47	5 3 13 16 5 19 11 24 24 3 1 3	5.4 1.0 1.6 1.0 1.6 1.8 5.5 2.0 2.0 55.0 7.0 17.0 18.0	980 208 208 208 208 980 208 980 980 208 980 980	Anesthetized Anesthetized Anesthetized Anesthetized Intact Intact Intact Paired Anesthetized Anesthetized Anesthetized Anesthetized Anesthetized Anesthetized Anesthetized	180 200 240 120 150 180 138 122 120 180 270	0.5 1.8 5.1 0.8 2.0 1.7 1.8 1.9 0.6 2.2 0.3 0.5 1.4	-0.00042 0.00017 -0.00013 0.00011 -0.00006 0.00035 -0.00104 -0.00024 0.00002 -0.00268 0.00099 -0.00264 -0.00212	0.00014 0.00025 0.00012 0.00009 0.00008 0.00025 0.00009 0.00008 0.00006 0.00003 0.00000	-0.00056 -0.00008 -0.00026 0.00002 -0.00009 0.00027 -0.00129 -0.00034 -0.00007 -0.00274 0.00096 -0.00264 -0.00183	-78.48 166.95 -83.57 111.99 -35.03 192.01 -188.46 -122.15 8.81 -48.70 141.67 -155.19 -117.64	-104.23 -84.31 -159.71 22.27 -58.11 148.73 -234.15 -168.65 -32.73 -49.84 137.02 -155.28 -101.65
D33-Sfus-B-1 D35-Sfus-B-1 D39-Sfus-B-1 D27-Sfus-B-1 D28-Sfus-B-1 D33-Sfus-B-2 D53-Sfus-B-1 D53-Sfus-B-1 D29-Smax-B-1 D41-Smax-B-1 D45-Smax-B-1 D31-Smax-B-2	Salpa aspera Salpa fusiformis Salpa maxima	Linear       29         Linear       20         Linear       21         Linear       23         Linear       14         Linear       15         Linear       31         Linear       31         Linear       16         Linear       22         Linear       24         Linear       27         Linear       18	05/08/2023 05/08/2023 9/11/2022 9/12/2022 9/14/2022 6/26/2022 6/27/2022 9/11/2022 05/10/2023 05/10/2023 6/28/2022 9/13/2022 9/15/2022 05/06/2023 6/30/2022	Moderate Anesthetized Anesthetized Anesthetized Moderate Active Moderate Active Active Active Anesthetized Anesthetized Anesthetized Anesthetized Moderate	38 38 28 15 13 15 12 27 14 14 115 70 65 47 80	5 3 13 16 5 19 11 24 24 3 1 3 9	5.4 1.0 1.6 1.0 1.6 1.8 5.5 2.0 2.0 55.0 7.0 17.0 18.0 20.0	980 208 208 208 208 980 208 980 980 980 980 980	Anesthetized Anesthetized Anesthetized Intact Intact Intact Paired Anesthetized Anesthetized Anesthetized Anesthetized Anesthetized Anesthetized Intact Inta	180 200 240 120 150 180 138 122 120 180 270 228 180	0.5 1.8 5.1 0.8 2.0 1.7 1.8 1.9 0.6 2.2 0.3 0.5 1.4 3.0	-0.00042 0.00017 -0.00013 0.00011 -0.00006 0.00035 -0.00104 -0.00024 0.00002 -0.00268 0.00099 -0.00264 -0.00212 -0.00422	0.00014 0.00025 0.00012 0.00009 0.00008 0.00009 0.00008 0.00008 0.00000 -0.00000 -0.00029 -0.00003	-0.00056 -0.00008 -0.00026 0.00002 -0.00009 0.00027 -0.00129 -0.00034 -0.00007 -0.00274 0.00096 -0.00264 -0.00183 -0.00420	-78.48 166.95 -83.57 111.99 -35.03 192.01 -188.46 -122.15 8.81 -48.70 141.67 -155.19 -117.64 -211.17	-104.23 -84.31 -159.71 22.27 -58.11 148.73 -234.15 -168.65 -32.73 -49.84 137.02 -155.28 -101.65 -209.75
D33-Sfus-B-1 D35-Sfus-B-1 D39-Sfus-B-1 D27-Sfus-B-1 D28-Sfus-B-1 D33-Sfus-B-2 D53-Sfus-B-1 D53-Sfus-B-1 D29-Smax-B-1 D41-Smax-B-1 D45-Smax-B-1 D31-Smax-B-2 D33-Smax-B-1	Salpa aspera Salpa fusiformis Salpa maxima	Linear       29         Linear       29         Linear       21         Linear       23         Linear       14         Linear       15         Linear       31         Linear       31         Linear       16         Linear       22         Linear       24         Linear       27         Linear       18         Linear       20	05/08/2023 05/08/2023 9/11/2022 9/12/2022 9/14/2022 6/26/2022 6/27/2022 9/11/2022 05/10/2023 6/28/2022 9/13/2022 9/15/2022 05/06/2023 6/30/2022 9/11/2022	Moderate Anesthetized Anesthetized Anesthetized Moderate Active Moderate Active Active Active Anesthetized Anesthetized Anesthetized Anesthetized Moderate Moderate Moderate	38 38 28 15 13 15 12 27 14 14 115 70 65 47 80 100	5 3 13 16 5 19 11 24 24 3 1 3	5.4 1.0 1.6 1.0 1.6 1.8 5.5 2.0 2.0 55.0 7.0 17.0 18.0 20.0 32.5	980 208 208 208 208 980 208 980 980 980 980 980 980	Anesthetized Anesthetized Anesthetized Intact Intact Intact Paired Anesthetized Anesthetized Anesthetized Anesthetized Anesthetized Intact Int	180 200 240 120 150 180 138 122 120 180 270 228 180	0.5 1.8 5.1 0.8 2.0 1.7 1.8 1.9 0.6 2.2 0.3 0.5 1.4 3.0 1.8	-0.00042 0.00017 -0.00013 0.00011 -0.00006 0.00035 -0.00104 -0.00024 0.00002 -0.00268 0.00099 -0.00264 -0.00212 -0.00422 -0.01118	0.00014 0.00025 0.00012 0.00009 0.00008 0.00009 0.00008 0.00006 0.00003 0.00000 -0.00029 -0.00003	-0.00056 -0.00008 -0.00026 0.00002 -0.00009 0.00027 -0.00129 -0.00034 -0.00007 -0.00274 0.00096 -0.00264 -0.00183 -0.00420 -0.01143	-78.48 166.95 -83.57 111.99 -35.03 192.01 -188.46 -122.15 8.81 -48.70 141.67 -155.19 -117.64 -211.17 -343.97	-104.23 -84.31 -159.71 22.27 -58.11 148.73 -234.15 -168.65 -32.73 -49.84 137.02 -155.28 -101.65 -209.75 -351.70
D33-Sfus-B-1 D35-Sfus-B-1 D39-Sfus-B-1 D27-Sfus-B-1 D28-Sfus-B-1 D33-Sfus-B-2 D53-Sfus-B-1 D53-Sfus-B-1 D29-Smax-B-1 D41-Smax-B-1 D45-Smax-B-1 D31-Smax-B-2 D33-Smax-B-1 D41-Smax-B-2	Salpa aspera Salpa fusiformis Salpa maxima	Linear       29         Linear       29         Linear       20         Linear       21         Linear       14         Linear       15         Linear       31         Linear       31         Linear       16         Linear       22         Linear       24         Linear       18         Linear       20         Linear       24         Linear       26	05/08/2023 05/08/2023 9/11/2022 9/12/2022 9/14/2022 6/26/2022 6/27/2022 9/11/2022 05/10/2023 6/28/2022 9/13/2022 9/15/2022 05/06/2023 6/30/2022 9/15/2022	Moderate Anesthetized Anesthetized Anesthetized Moderate Active Moderate Active Active Anesthetized Anesthetized Anesthetized Anesthetized Moderate Moderate Moderate Moderate Moderate	38 38 28 15 13 15 12 27 14 14 115 70 65 47 80 100 110	5 3 13 16 5 19 11 24 24 3 1 3 9	5.4 1.0 1.6 1.0 1.6 1.8 5.5 2.0 2.0 55.0 7.0 17.0 18.0 20.0 32.5 20.0	980 208 208 208 208 980 208 980 980 980 980 980 980 980	Anesthetized Anesthetized Anesthetized Intact Intact Intact Paired Anesthetized Anesthetized Anesthetized Anesthetized Anesthetized Intact Int	180 200 240 120 150 180 138 122 120 180 270 228 180 180 270	0.5 1.8 5.1 0.8 2.0 1.7 1.8 1.9 0.6 2.2 0.3 0.5 1.4 3.0 1.8 0.5	-0.00042 0.00017 -0.00013 0.00011 -0.00006 0.00035 -0.00104 -0.00024 0.00002 -0.00268 0.00099 -0.00264 -0.00212 -0.00422 -0.01118 -0.00567	0.00014 0.00025 0.00012 0.00009 0.00008 0.00009 0.00008 0.00008 0.00000 -0.00003 0.00000 -0.00029 -0.00003 0.000025	-0.00056 -0.00008 -0.00026 0.00002 -0.00009 0.00027 -0.00129 -0.00034 -0.00007 -0.00274 0.00096 -0.00264 -0.00183 -0.00420 -0.01143 -0.00568	-78.48 166.95 -83.57 111.99 -35.03 192.01 -188.46 -122.15 8.81 -48.70 141.67 -155.19 -117.64 -211.17 -343.97 -283.73	-104.23 -84.31 -159.71 22.27 -58.11 148.73 -234.15 -168.65 -32.73 -49.84 137.02 -155.28 -101.65 -209.75 -351.70 -283.81
D33-Sfus-B-1 D35-Sfus-B-1 D39-Sfus-B-1 D27-Sfus-B-1 D28-Sfus-B-1 D33-Sfus-B-2 D53-Sfus-B-1 D53-Sfus-B-1 D29-Smax-B-1a D37-Smax-B-1 D41-Smax-B-1 D31-Smax-B-2 D33-Smax-B-1 D41-Smax-B-2 D39-Smax-B-1b	Salpa aspera Salpa fusiformis Salpa maxima	Linear       29         Linear       29         Linear       20         Linear       21         Linear       14         Linear       15         Linear       31         Linear       31         Linear       16         Linear       24         Linear       18         Linear       24         Linear       24         Linear       26         Linear       27         Linear <td>05/08/2023 05/08/2023 9/11/2022 9/12/2022 9/14/2022 6/26/2022 6/27/2022 9/11/2022 05/10/2023 6/28/2022 9/13/2022 9/15/2022 05/06/2023 6/30/2022 9/11/2022 9/15/2022 9/15/2022</td> <td>Moderate Anesthetized Anesthetized Anesthetized Moderate Active Moderate Active Active Anesthetized Anesthetized Anesthetized Anesthetized Moderate Moderate Moderate Active</td> <td>38 38 28 15 13 15 12 27 14 14 115 70 65 47 80 100 110 115</td> <td>5 3 13 16 5 19 11 24 24 3 1 3 9</td> <td>5.4 1.0 1.6 1.0 1.6 1.8 5.5 2.0 2.0 55.0 7.0 17.0 18.0 20.0 32.5 20.0 53.0</td> <td>980 208 208 208 980 208 980 980 980 980 980 980 980 980</td> <td>Anesthetized Anesthetized Anesthetized Intact Intact Intact Paired Anesthetized Anesthetized Anesthetized Anesthetized Anesthetized Intact Int</td> <td>180 200 240 120 150 180 138 122 120 180 270 228 180 180 270 120</td> <td>0.5 1.8 5.1 0.8 2.0 1.7 1.8 1.9 0.6 2.2 0.3 0.5 1.4 3.0 1.8 0.5 2.2</td> <td>-0.00042 0.00017 -0.00013 0.00011 -0.00006 0.00035 -0.00104 -0.00024 0.00002 -0.00268 0.00099 -0.00264 -0.00212 -0.00422 -0.01118 -0.00567 -0.01375</td> <td>0.00014 0.00025 0.00012 0.00009 0.00008 0.00009 0.00008 0.00008 0.00006 0.00003 0.00000 -0.00029 -0.00003 0.000025 0.00000</td> <td>-0.00056 -0.00008 -0.00026 0.00002 -0.00009 0.00027 -0.00129 -0.00034 -0.00007 -0.00274 0.00096 -0.00264 -0.00183 -0.00420 -0.01143 -0.00568 -0.01382</td> <td>-78.48 166.95 -83.57 111.99 -35.03 192.01 -188.46 -122.15 8.81 -48.70 141.67 -155.19 -117.64 -211.17 -343.97 -283.73 -259.48</td> <td>-104.23 -84.31 -159.71 22.27 -58.11 148.73 -234.15 -168.65 -32.73 -49.84 137.02 -155.28 -101.65 -209.75 -351.70 -283.81 -260.66</td>	05/08/2023 05/08/2023 9/11/2022 9/12/2022 9/14/2022 6/26/2022 6/27/2022 9/11/2022 05/10/2023 6/28/2022 9/13/2022 9/15/2022 05/06/2023 6/30/2022 9/11/2022 9/15/2022 9/15/2022	Moderate Anesthetized Anesthetized Anesthetized Moderate Active Moderate Active Active Anesthetized Anesthetized Anesthetized Anesthetized Moderate Moderate Moderate Active	38 38 28 15 13 15 12 27 14 14 115 70 65 47 80 100 110 115	5 3 13 16 5 19 11 24 24 3 1 3 9	5.4 1.0 1.6 1.0 1.6 1.8 5.5 2.0 2.0 55.0 7.0 17.0 18.0 20.0 32.5 20.0 53.0	980 208 208 208 980 208 980 980 980 980 980 980 980 980	Anesthetized Anesthetized Anesthetized Intact Intact Intact Paired Anesthetized Anesthetized Anesthetized Anesthetized Anesthetized Intact Int	180 200 240 120 150 180 138 122 120 180 270 228 180 180 270 120	0.5 1.8 5.1 0.8 2.0 1.7 1.8 1.9 0.6 2.2 0.3 0.5 1.4 3.0 1.8 0.5 2.2	-0.00042 0.00017 -0.00013 0.00011 -0.00006 0.00035 -0.00104 -0.00024 0.00002 -0.00268 0.00099 -0.00264 -0.00212 -0.00422 -0.01118 -0.00567 -0.01375	0.00014 0.00025 0.00012 0.00009 0.00008 0.00009 0.00008 0.00008 0.00006 0.00003 0.00000 -0.00029 -0.00003 0.000025 0.00000	-0.00056 -0.00008 -0.00026 0.00002 -0.00009 0.00027 -0.00129 -0.00034 -0.00007 -0.00274 0.00096 -0.00264 -0.00183 -0.00420 -0.01143 -0.00568 -0.01382	-78.48 166.95 -83.57 111.99 -35.03 192.01 -188.46 -122.15 8.81 -48.70 141.67 -155.19 -117.64 -211.17 -343.97 -283.73 -259.48	-104.23 -84.31 -159.71 22.27 -58.11 148.73 -234.15 -168.65 -32.73 -49.84 137.02 -155.28 -101.65 -209.75 -351.70 -283.81 -260.66
D33-Sfus-B-1 D35-Sfus-B-1 D39-Sfus-B-1 D27-Sfus-B-1 D28-Sfus-B-1 D33-Sfus-B-2 D53-Sfus-B-1 D53-Sfus-B-1 D29-Smax-B-1a D37-Smax-B-1 D41-Smax-B-1 D31-Smax-B-2 D33-Smax-B-1 D41-Smax-B-2 D29-Smax-B-1b D29-Smax-B-1b	Salpa aspera Salpa fusiformis Salpa maxima	Linear       29         Linear       29         Linear       20         Linear       21         Linear       14         Linear       15         Linear       31         Linear       16         Linear       22         Linear       24         Linear       18         Linear       24         Linear       26         Linear       26         Linear       26         Linear       26         Linear       16	05/08/2023 05/08/2023 9/11/2022 9/12/2022 9/14/2022 6/26/2022 6/27/2022 9/11/2022 05/10/2023 05/10/2023 6/28/2022 9/13/2022 9/15/2022 05/06/2023 6/30/2022 9/11/2022 9/15/2022 6/28/2022 6/28/2022	Moderate Anesthetized Anesthetized Anesthetized Moderate Active Moderate Active Active Anesthetized Anesthetized Anesthetized Anesthetized Moderate Moderate Moderate Active Active Anesthetized	38 38 28 15 13 15 12 27 14 14 115 70 65 47 80 100 110 115 115	5 3 13 16 5 19 11 24 24 3 1 3 9 3 5 1 4 4	5.4 1.0 1.6 1.0 1.6 1.8 5.5 2.0 2.0 55.0 7.0 17.0 18.0 20.0 32.5 20.0 53.0	980 208 208 208 208 980 208 980 980 980 980 980 980 980 980 980	Anesthetized Anesthetized Anesthetized Intact Intact Intact Paired Anesthetized Anesthetized Anesthetized Anesthetized Intact Intact Intact Paired Anesthetized Anesthetized Anesthetized Intact Intact Intact Intact Intact Intact Intact Intact Intact Paired Paired	180 200 240 120 150 180 138 122 120 180 270 228 180 180 270 120 90	0.5 1.8 5.1 0.8 2.0 1.7 1.8 1.9 0.6 2.2 0.3 0.5 1.4 3.0 1.8 0.5 2.2 0.2	-0.00042 0.00017 -0.00013 0.00011 -0.00006 0.00035 -0.00104 -0.00024 0.00002 -0.00268 0.00099 -0.00264 -0.00212 -0.00422 -0.01118 -0.00567 -0.01375 -0.00555	0.00014 0.00025 0.00012 0.00009 0.00008 0.00008 0.00008 0.00008 0.00000 -0.00000 -0.00025 0.00000 0.00006 -0.00000 -0.00006	-0.00056 -0.00008 -0.00026 0.00002 -0.00009 0.00027 -0.00129 -0.00034 -0.00007 -0.00274 0.00096 -0.00264 -0.00183 -0.00420 -0.01143 -0.00568 -0.01382 -0.00553	-78.48 166.95 -83.57 111.99 -35.03 192.01 -188.46 -122.15 8.81 -48.70 141.67 -155.19 -117.64 -211.17 -343.97 -283.73 -259.48 -104.78	-104.23 -84.31 -159.71 22.27 -58.11 148.73 -234.15 -168.65 -32.73 -49.84 137.02 -155.28 -101.65 -209.75 -351.70 -283.81 -260.66 -104.42
D33-Sfus-B-1 D35-Sfus-B-1 D39-Sfus-B-1 D27-Sfus-B-1 D28-Sfus-B-1 D33-Sfus-B-2 D53-Sfus-B-1 D53-Sfus-B-1 D29-Smax-B-1a D37-Smax-B-1 D41-Smax-B-1 D31-Smax-B-2 D33-Smax-B-1 D41-Smax-B-2 D29-Smax-B-1b D29-Smax-B-1b D29-Smax-B-1b	Salpa aspera Salpa fusiformis Salpa maxima	Linear       29         Linear       29         Linear       20         Linear       21         Linear       14         Linear       15         Linear       31         Linear       16         Linear       22         Linear       24         Linear       18         Linear       24         Linear       26         Linear       26         Linear       16         Linear       16         Linear       16         Linear       16         Linear       22         Linear       16         Linear       22         Linear       22	05/08/2023 05/08/2023 9/11/2022 9/12/2022 9/14/2022 6/26/2022 6/27/2022 9/11/2022 05/10/2023 05/10/2023 6/28/2022 9/13/2022 9/15/2022 05/06/2023 6/30/2022 9/11/2022 9/15/2022 6/28/2022 6/28/2022 9/13/2022	Moderate Anesthetized Anesthetized Anesthetized Moderate Active Moderate Active Active Anesthetized Anesthetized Anesthetized Anesthetized Moderate Moderate Moderate Active Active Active Anesthetized Active Active Active	38 38 28 15 13 15 12 27 14 14 115 70 65 47 80 100 110 115 115 21	5 3 13 16 5 19 11 24 24 3 1 3 9 3 5 1 4 4	5.4 1.0 1.6 1.0 1.6 1.8 5.5 2.0 2.0 55.0 7.0 17.0 18.0 20.0 32.5 20.0 53.0 53.0 5.4	980 208 208 208 208 980 208 980 980 980 980 980 980 980 9	Anesthetized Anesthetized Anesthetized Intact Intact Intact Paired Anesthetized Anesthetized Anesthetized Anesthetized Intact Intact Intact Paired Anesthetized Anesthetized Anesthetized Intact	180 200 240 120 150 180 138 122 120 180 270 228 180 180 270 120 90	0.5 1.8 5.1 0.8 2.0 1.7 1.8 1.9 0.6 2.2 0.3 0.5 1.4 3.0 1.8 0.5 2.2 0.2 0.0	-0.00042 0.00017 -0.00013 0.00011 -0.00006 0.00035 -0.00104 -0.00024 0.00002 -0.00268 0.00099 -0.00264 -0.00212 -0.00422 -0.01118 -0.00567 -0.01375 -0.00555	0.00014 0.00025 0.00012 0.00009 0.00008 0.00008 0.00008 0.00008 0.00000 -0.00003 0.00000 -0.00025 0.00000 0.00006 -0.00006 -0.00002	-0.00056 -0.00008 -0.00026 0.00002 -0.00009 0.00027 -0.00129 -0.00034 -0.0007 -0.00274 0.00096 -0.00264 -0.00183 -0.00420 -0.01143 -0.00568 -0.01382 -0.00553 NA	-78.48 166.95 -83.57 111.99 -35.03 192.01 -188.46 -122.15 8.81 -48.70 141.67 -155.19 -117.64 -211.17 -343.97 -283.73 -259.48 -104.78	-104.23 -84.31 -159.71 22.27 -58.11 148.73 -234.15 -168.65 -32.73 -49.84 137.02 -155.28 -101.65 -209.75 -351.70 -283.81 -260.66 -104.42 NA
D33-Sfus-B-1 D35-Sfus-B-1 D39-Sfus-B-1 D27-Sfus-B-1 D28-Sfus-B-1 D33-Sfus-B-2 D53-Sfus-B-1 D53-Sfus-B-1 D29-Smax-B-1a D37-Smax-B-1 D41-Smax-B-1 D31-Smax-B-2 D33-Smax-B-1 D41-Smax-B-2 D39-Smax-B-1b D29-Smax-B-1b D29-Smax-B-1b D37-Szon-B-1	Salpa aspera Salpa fusiformis Salpa maxima Soestia zonaria	Linear       29         Linear       29         Linear       21         Linear       23         Linear       14         Linear       15         Linear       31         Linear       16         Linear       24         Linear       27         Linear       18         Linear       26         Linear       26         Linear       16         Linear       16         Linear       16         Linear       16         Linear       22         Linear       22         Linear       22         Linear       22         Linear       22         Linear       22	05/08/2023 05/08/2023 9/11/2022 9/12/2022 9/14/2022 6/26/2022 6/27/2022 9/11/2022 05/10/2023 05/10/2023 6/28/2022 9/13/2022 9/15/2022 9/15/2022 9/15/2022 9/15/2022 9/15/2022 9/15/2022 9/13/2022 9/13/2022 9/13/2022	Moderate Anesthetized Anesthetized Anesthetized Moderate Active Moderate Active Active Anesthetized Anesthetized Anesthetized Anesthetized Moderate Moderate Moderate Active Active Active Active Active Active Active Active	38 38 28 15 13 15 12 27 14 14 115 70 65 47 80 100 110 115 115 21 21	5 3 13 16 5 19 11 24 24 3 1 3 9 3 5 1 4 4 9 9	5.4 1.0 1.6 1.0 1.6 1.8 5.5 2.0 2.0 55.0 7.0 17.0 18.0 20.0 32.5 20.0 53.0 53.0 5.4 5.4	980 208 208 208 208 980 208 980 980 980 980 980 980 980 9	Anesthetized Anesthetized Anesthetized Intact Intact Intact Paired Anesthetized Anesthetized Anesthetized Anesthetized Intact	180 200 240 120 150 180 138 122 120 180 270 228 180 180 270 120 90 0	0.5 1.8 5.1 0.8 2.0 1.7 1.8 1.9 0.6 2.2 0.3 0.5 1.4 3.0 1.8 0.5 2.2 0.2 0.0 0.0	-0.00042 0.00017 -0.00013 0.00011 -0.00006 0.00035 -0.00104 -0.00024 0.00002 -0.00268 0.00099 -0.00264 -0.00212 -0.00422 -0.01118 -0.00567 -0.01375 -0.00555 NA NA	0.00014 0.00025 0.00012 0.00009 0.00008 0.00008 0.00008 0.00008 0.00000 -0.00003 0.00000 -0.00025 0.00000 0.00006 -0.00002 NA NA	-0.00056 -0.00008 -0.00026 0.00002 -0.00009 0.00027 -0.00129 -0.00034 -0.00007 -0.00274 0.00096 -0.00264 -0.00183 -0.00420 -0.01143 -0.00568 -0.01382 -0.00553 NA NA	-78.48 166.95 -83.57 111.99 -35.03 192.01 -188.46 -122.15 8.81 -48.70 141.67 -155.19 -117.64 -211.17 -343.97 -283.73 -259.48 -104.78 NA NA	-104.23 -84.31 -159.71 22.27 -58.11 148.73 -234.15 -168.65 -32.73 -49.84 137.02 -155.28 -101.65 -209.75 -351.70 -283.81 -260.66 -104.42 NA NA
D33-Sfus-B-1 D35-Sfus-B-1 D39-Sfus-B-1 D27-Sfus-B-1 D28-Sfus-B-1 D33-Sfus-B-2 D53-Sfus-B-1 D29-Smax-B-1a D37-Smax-B-1 D41-Smax-B-1 D31-Smax-B-2 D33-Smax-B-1 D41-Smax-B-2 D39-Smax-B-1b D29-Smax-B-1b D29-Smax-B-1b D37-Szon-B-1 D37-Szon-B-2 D37-Szon-B-3	Salpa aspera Salpa fusiformis Salpa maxima Soestia zonaria Soestia zonaria	Linear       29         Linear       20         Linear       21         Linear       23         Linear       14         Linear       15         Linear       31         Linear       16         Linear       24         Linear       27         Linear       18         Linear       26         Linear       26         Linear       16         Linear       16         Linear       16         Linear       22	05/08/2023 05/08/2023 9/11/2022 9/12/2022 9/14/2022 6/26/2022 6/27/2022 9/11/2022 05/10/2023 05/10/2023 6/28/2022 9/13/2022 9/15/2022 9/15/2022 9/15/2022 9/15/2022 9/15/2022 9/13/2022 9/13/2022 9/13/2022 9/13/2022	Moderate Anesthetized Anesthetized Anesthetized Moderate Active Moderate Active Active Anesthetized Anesthetized Anesthetized Anesthetized Moderate Moderate Moderate Active	38 38 28 15 13 15 12 27 14 14 115 70 65 47 80 100 110 115 115 21 21	5 3 13 16 5 19 11 24 24 3 1 3 9 3 5 1 4 4 9 9	5.4 1.0 1.6 1.0 1.6 1.8 5.5 2.0 2.0 55.0 7.0 17.0 18.0 20.0 32.5 20.0 53.0 53.0 5.4 5.4 5.4	980 208 208 208 980 208 980 980 980 980 980 980 980 9	Anesthetized Anesthetized Intact Intact Intact Paired Anesthetized Anesthetized Anesthetized Anesthetized Anesthetized Intact	180 200 240 120 150 180 138 122 120 180 270 228 180 180 270 120 90 0	0.5 1.8 5.1 0.8 2.0 1.7 1.8 1.9 0.6 2.2 0.3 0.5 1.4 3.0 1.8 0.5 2.2 0.2 0.0 0.0 0.0	-0.00042 0.00017 -0.00013 0.00011 -0.00006 0.00035 -0.00104 -0.00024 0.00002 -0.00268 0.00099 -0.00264 -0.00212 -0.00422 -0.01118 -0.00567 -0.01375 -0.00555 NA NA NA	0.00014 0.00025 0.00012 0.00009 0.00008 0.00008 0.00008 0.00008 0.00000 -0.00003 0.00000 -0.00025 0.00000 0.00006 -0.00002 NA NA NA	-0.00056 -0.00008 -0.00026 0.00002 -0.00009 0.00027 -0.00129 -0.00034 -0.0007 -0.00274 0.00096 -0.00264 -0.00183 -0.00420 -0.01143 -0.00568 -0.01382 -0.00553 NA NA NA	-78.48 166.95 -83.57 111.99 -35.03 192.01 -188.46 -122.15 8.81 -48.70 141.67 -155.19 -117.64 -211.17 -343.97 -283.73 -259.48 -104.78 NA NA NA	-104.23 -84.31 -159.71 22.27 -58.11 148.73 -234.15 -168.65 -32.73 -49.84 137.02 -155.28 -101.65 -209.75 -351.70 -283.81 -260.66 -104.42 NA NA NA
D33-Sfus-B-1 D35-Sfus-B-1 D39-Sfus-B-1 D27-Sfus-B-1 D28-Sfus-B-1 D33-Sfus-B-2 D53-Sfus-B-1 D29-Smax-B-1a D37-Smax-B-1 D41-Smax-B-1 D31-Smax-B-2 D33-Smax-B-1 D41-Smax-B-2 D39-Smax-B-1b D29-Smax-B-1b D29-Smax-B-1b D37-Szon-B-1 D37-Szon-B-2 D37-Szon-B-3 D37-Szon-B-4	Salpa aspera Salpa fusiformis Salpa maxima Soestia zonaria Soestia zonaria Soestia zonaria	Linear       29         Linear       20         Linear       21         Linear       23         Linear       14         Linear       15         Linear       31         Linear       16         Linear       22         Linear       24         Linear       26         Linear       26         Linear       26         Linear       16         Linear       16         Linear       16         Linear       22	05/08/2023 05/08/2023 9/11/2022 9/12/2022 9/14/2022 6/26/2022 6/27/2022 9/11/2022 05/10/2023 05/10/2023 6/28/2022 9/13/2022 9/15/2022 9/15/2022 6/28/2022 9/15/2022 6/28/2022 9/13/2022 9/13/2022 9/13/2022 9/13/2022	Moderate Anesthetized Anesthetized Anesthetized Moderate Active Moderate Active Active Anesthetized Anesthetized Anesthetized Anesthetized Moderate Moderate Moderate Moderate Active	38 38 28 15 13 15 12 27 14 14 115 70 65 47 80 100 110 115 115 21 21 21	5 3 13 16 5 19 11 24 24 3 1 3 9 3 5 1 4 4 9 9 9	5.4 1.0 1.6 1.0 1.6 1.8 5.5 2.0 2.0 55.0 7.0 17.0 18.0 20.0 32.5 20.0 53.0 53.0 5.4 5.4 5.4	980 208 208 208 208 980 208 980 980 980 980 980 980 980 980 980 9	Anesthetized Anesthetized Intact Intact Intact Paired Anesthetized Anesthetized Anesthetized Anesthetized Anesthetized Intact	180 200 240 120 150 180 138 122 120 180 270 228 180 120 90 0 0 0	0.5 1.8 5.1 0.8 2.0 1.7 1.8 1.9 0.6 2.2 0.3 0.5 1.4 3.0 1.8 0.5 2.2 0.2 0.0 0.0 0.0 0.0	-0.00042 0.00017 -0.00013 0.00011 -0.00006 0.00035 -0.00104 -0.00024 0.00002 -0.00268 0.00099 -0.00264 -0.00212 -0.00422 -0.01118 -0.00567 -0.01375 -0.00555 NA NA NA NA	0.00014 0.00025 0.00009 0.00008 0.00008 0.00008 0.00008 0.00008 0.00000 -0.00003 0.00000 -0.00025 0.00000 0.00006 -0.00002 NA NA NA NA	-0.00056 -0.00008 -0.00026 0.00002 -0.00009 0.00027 -0.00129 -0.00034 -0.00096 -0.00264 -0.00183 -0.00420 -0.01143 -0.00568 -0.01382 -0.00553 NA NA NA NA	-78.48 166.95 -83.57 111.99 -35.03 192.01 -188.46 -122.15 8.81 -48.70 141.67 -155.19 -117.64 -211.17 -343.97 -283.73 -259.48 -104.78 NA NA NA NA	-104.23 -84.31 -159.71 22.27 -58.11 148.73 -234.15 -168.65 -32.73 -49.84 137.02 -155.28 -101.65 -209.75 -351.70 -283.81 -260.66 -104.42 NA NA NA NA
D33-Sfus-B-1 D35-Sfus-B-1 D39-Sfus-B-1 D27-Sfus-B-1 D28-Sfus-B-1 D33-Sfus-B-2 D53-Sfus-B-1 D53-Sfus-B-1 D29-Smax-B-1a D37-Smax-B-1 D41-Smax-B-1 D41-Smax-B-2 D33-Smax-B-1 D41-Smax-B-2 D39-Smax-B-1b D29-Smax-B-1b D29-Smax-B-1b D37-Szon-B-1 D37-Szon-B-2 D37-Szon-B-3 D37-Szon-B-5	Salpa aspera Salpa fusiformis Salpa maxima Soestia zonaria Soestia zonaria Soestia zonaria Soestia zonaria	Linear       29         Linear       20         Linear       21         Linear       23         Linear       14         Linear       15         Linear       31         Linear       16         Linear       22         Linear       24         Linear       24         Linear       24         Linear       24         Linear       24         Linear       26         Linear       26         Linear       22	05/08/2023 05/08/2023 9/11/2022 9/12/2022 9/14/2022 6/26/2022 6/27/2022 9/11/2022 05/10/2023 05/10/2023 6/28/2022 9/13/2022 9/15/2022 9/15/2022 9/15/2022 6/28/2022 9/15/2022 9/15/2022 9/15/2022 9/15/2022 9/15/2022 9/15/2022 9/15/2022 9/15/2022 9/15/2022 9/15/2022 9/13/2022 9/13/2022 9/13/2022	Moderate Anesthetized Anesthetized Anesthetized Moderate Active Moderate Active Active Anesthetized Anesthetized Anesthetized Anesthetized Moderate Moderate Moderate Active	38 38 28 15 13 15 12 27 14 14 115 70 65 47 80 100 110 115 115 21 21 21 21	5 3 13 16 5 19 11 24 24 3 1 3 9 3 5 1 4 4 9 9 9	5.4 1.0 1.6 1.0 1.6 1.8 5.5 2.0 2.0 55.0 7.0 17.0 18.0 20.0 32.5 20.0 53.0 53.0 5.4 5.4 5.4 5.4	980 208 208 208 208 980 208 980 980 980 980 980 980 980 980 980 9	Anesthetized Anesthetized Intact Intact Intact Paired Anesthetized Anesthetized Anesthetized Anesthetized Anesthetized Intact	180 200 240 120 150 180 138 122 120 180 270 228 180 270 120 90 0 0 0	0.5 1.8 5.1 0.8 2.0 1.7 1.8 1.9 0.6 2.2 0.3 0.5 1.4 3.0 1.8 0.5 2.2 0.2 0.0 0.0 0.0 0.0 0.0 0.0	-0.00042 0.00017 -0.00013 0.00011 -0.00006 0.00035 -0.00104 -0.00024 0.00002 -0.00268 0.00099 -0.00264 -0.00212 -0.00422 -0.01118 -0.00567 -0.01375 -0.00555 NA NA NA NA NA NA	0.00014 0.00025 0.00009 0.00008 0.00008 0.00008 0.00008 0.00000 0.00000 -0.000025 0.00000 -0.00025 0.00000 NA NA NA NA NA NA	-0.00056 -0.00008 -0.00002 -0.00009 0.00027 -0.00129 -0.00034 -0.00096 -0.00264 -0.00183 -0.00420 -0.01143 -0.00568 -0.01382 -0.00553 NA NA NA NA NA NA	-78.48 166.95 -83.57 111.99 -35.03 192.01 -188.46 -122.15 8.81 -48.70 141.67 -155.19 -117.64 -211.17 -343.97 -283.73 -259.48 -104.78 NA NA NA NA NA	-104.23 -84.31 -159.71 22.27 -58.11 148.73 -234.15 -168.65 -32.73 -49.84 137.02 -155.28 -101.65 -209.75 -351.70 -283.81 -260.66 -104.42 NA NA NA NA NA
D33-Sfus-B-1 D35-Sfus-B-1 D39-Sfus-B-1 D27-Sfus-B-1 D28-Sfus-B-1 D33-Sfus-B-2 D53-Sfus-B-1 D29-Smax-B-1a D37-Smax-B-1 D41-Smax-B-1 D41-Smax-B-2 D33-Smax-B-1 D41-Smax-B-2 D39-Smax-B-1b D29-Smax-B-1b D29-Smax-B-1b D37-Szon-B-1 D37-Szon-B-2 D37-Szon-B-3 D37-Szon-B-5 D37-Szon-B-6	Salpa aspera Salpa fusiformis Salpa maxima Soestia zonaria Soestia zonaria Soestia zonaria Soestia zonaria Soestia zonaria Soestia zonaria	Linear       29         Linear       20         Linear       21         Linear       23         Linear       14         Linear       15         Linear       31         Linear       16         Linear       24         Linear       24         Linear       26         Linear       26         Linear       16         Linear       16         Linear       16         Linear       22	05/08/2023 05/08/2023 9/11/2022 9/12/2022 9/14/2022 6/26/2022 6/27/2022 9/11/2022 05/10/2023 05/10/2023 6/28/2022 9/13/2022 9/15/2022 9/15/2022 9/15/2022 6/28/2022 9/15/2022 9/13/2022 9/13/2022 9/13/2022 9/13/2022 9/13/2022 9/13/2022	Moderate Anesthetized Anesthetized Anesthetized Moderate Active Moderate Active Active Anesthetized Anesthetized Anesthetized Anesthetized Moderate Moderate Moderate Active	38 38 28 15 13 15 12 27 14 14 115 70 65 47 80 100 110 115 115 21 21 21 21 21	5 3 13 16 5 19 11 24 24 3 1 3 9 3 5 1 4 4 9 9 9	5.4 1.0 1.6 1.0 1.6 1.8 5.5 2.0 2.0 55.0 7.0 17.0 18.0 20.0 32.5 20.0 53.0 53.0 5.4 5.4 5.4 5.4 5.4	980 208 208 208 980 208 980 980 980 980 980 980 980 980 980 9	Anesthetized Anesthetized Intact Intact Intact Intact Paired Anesthetized Anesthetized Anesthetized Anesthetized Anesthetized Intact	180 200 240 120 150 180 138 122 120 180 270 228 180 120 90 0 0 0 0	0.5 1.8 5.1 0.8 2.0 1.7 1.8 1.9 0.6 2.2 0.3 0.5 1.4 3.0 1.8 0.5 2.2 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-0.00042 0.00017 -0.00013 0.00011 -0.00006 0.00035 -0.00104 -0.00024 0.00002 -0.00268 0.00099 -0.00264 -0.00212 -0.00422 -0.01118 -0.00567 -0.01375 -0.00555 NA NA NA NA NA NA NA NA	0.00014 0.00025 0.00009 0.00008 0.00008 0.00008 0.00008 0.00000 -0.00000 -0.00025 0.00000 -0.00025 NA NA NA NA NA NA NA NA	-0.00056 -0.00008 -0.00002 -0.00009 0.00027 -0.00129 -0.00034 -0.0007 -0.00274 0.00096 -0.00264 -0.00183 -0.00420 -0.01143 -0.00568 -0.01382 -0.00553 NA NA NA NA NA NA NA	-78.48 166.95 -83.57 111.99 -35.03 192.01 -188.46 -122.15 8.81 -48.70 141.67 -155.19 -117.64 -211.17 -343.97 -283.73 -259.48 -104.78 NA NA NA NA NA NA NA	-104.23 -84.31 -159.71 22.27 -58.11 148.73 -234.15 -168.65 -32.73 -49.84 137.02 -155.28 -101.65 -209.75 -351.70 -283.81 -260.66 -104.42 NA NA NA NA NA NA NA
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20.0 53.0 53.0 5.4 5.4 5.4 5.4 5.4 5.4 5.4 5.4</td> <td>980 208 208 208 980 980 980 980 980 980 980 9</td> <td>Anesthetized Anesthetized Intact Intact Intact Paired Anesthetized Anesthetized Anesthetized Anesthetized Anesthetized Anesthetized Intact Int</td> <td>180 200 240 120 150 180 138 122 120 180 270 228 180 120 90 0 0 0 0 0 0 120 90 133 115</td> <td>0.5 1.8 5.1 0.8 2.0 1.7 1.8 1.9 0.6 2.2 0.3 0.5 1.4 3.0 1.8 0.5 2.2 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0</td> <td>-0.00042 0.00017 -0.00013 0.00011 -0.00006 0.00035 -0.00104 -0.00024 0.00002 -0.00268 0.00099 -0.00264 -0.00212 -0.00422 -0.01118 -0.00567 -0.01375 -0.00555 NA NA</td> <td>0.00014 0.00025 0.00009 0.00008 0.00008 0.00008 0.00008 0.00000 -0.00002 -0.00002 0.00000 0.00006 -0.00002 NA NA</td> <td>-0.00056 -0.00008 -0.00002 -0.00009 0.00027 -0.00129 -0.00034 -0.000274 0.000274 0.000264 -0.00183 -0.00420 -0.01143 -0.00568 -0.01382 -0.00553 NA NA</td> <td>-78.48 166.95 -83.57 111.99 -35.03 192.01 -188.46 -122.15 8.81 -48.70 141.67 -155.19 -117.64 -211.17 -343.97 -283.73 -259.48 -104.78 NA NA</td> <td>-104.23 -84.31 -159.71 22.27 -58.11 148.73 -234.15 -168.65 -32.73 -49.84 137.02 -155.28 -101.65 -209.75 -351.70 -283.81 -260.66 -104.42 NA NA</td>	05/08/2023 05/08/2023 9/11/2022 9/12/2022 9/14/2022 6/26/2022 6/26/2022 6/27/2022 9/11/2022 05/10/2023 6/28/2022 9/13/2022 9/15/2022 9/15/2022 6/28/2022 9/15/2022 6/28/2022 9/13/2022 9/13/2022 9/13/2022 9/13/2022 9/13/2022 9/13/2022 9/13/2022 9/13/2022 9/13/2022 9/13/2022 9/13/2022 9/13/2022 9/13/2022 9/13/2022 9/13/2022 9/13/2022 9/13/2022	Moderate Anesthetized Anesthetized Anesthetized Moderate Active Moderate Active Active Anesthetized Anesthetized Anesthetized Anesthetized Anesthetized Moderate Moderate Moderate Active	38 38 28 15 13 15 12 27 14 14 115 70 65 47 80 100 110 115 115 21 21 21 21 21 21 21 21 21 21	5 3 13 16 5 19 11 24 24 3 1 3 9 3 5 1 4 4 9 9 9 9 9 9 9 9	5.4 1.0 1.6 1.0 1.6 1.8 5.5 2.0 2.0 55.0 7.0 17.0 18.0 20.0 32.5 20.0 53.0 53.0 5.4 5.4 5.4 5.4 5.4 5.4 5.4 5.4	980 208 208 208 980 980 980 980 980 980 980 9	Anesthetized Anesthetized Intact Intact Intact Paired Anesthetized Anesthetized Anesthetized Anesthetized Anesthetized Anesthetized Intact Int	180 200 240 120 150 180 138 122 120 180 270 228 180 120 90 0 0 0 0 0 0 120 90 133 115	0.5 1.8 5.1 0.8 2.0 1.7 1.8 1.9 0.6 2.2 0.3 0.5 1.4 3.0 1.8 0.5 2.2 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-0.00042 0.00017 -0.00013 0.00011 -0.00006 0.00035 -0.00104 -0.00024 0.00002 -0.00268 0.00099 -0.00264 -0.00212 -0.00422 -0.01118 -0.00567 -0.01375 -0.00555 NA	0.00014 0.00025 0.00009 0.00008 0.00008 0.00008 0.00008 0.00000 -0.00002 -0.00002 0.00000 0.00006 -0.00002 NA	-0.00056 -0.00008 -0.00002 -0.00009 0.00027 -0.00129 -0.00034 -0.000274 0.000274 0.000264 -0.00183 -0.00420 -0.01143 -0.00568 -0.01382 -0.00553 NA	-78.48 166.95 -83.57 111.99 -35.03 192.01 -188.46 -122.15 8.81 -48.70 141.67 -155.19 -117.64 -211.17 -343.97 -283.73 -259.48 -104.78 NA	-104.23 -84.31 -159.71 22.27 -58.11 148.73 -234.15 -168.65 -32.73 -49.84 137.02 -155.28 -101.65 -209.75 -351.70 -283.81 -260.66 -104.42 NA
D33-Sfus-B-1 D35-Sfus-B-1 D39-Sfus-B-1 D27-Sfus-B-1 D28-Sfus-B-1 D33-Sfus-B-2 D53-Sfus-B-1 D29-Smax-B-1 D41-Smax-B-1 D41-Smax-B-1 D41-Smax-B-2 D33-Smax-B-1 D41-Smax-B-2 D33-Smax-B-1 D41-Smax-B-2 D33-Smax-B-1 D41-Smax-B-2 D37-Szon-B-1 D37-Szon-B-1 D37-Szon-B-3 D37-Szon-B-5 D37-Szon-B-5 D37-Szon-B-1 D29-Szon-B-1 D29-Szon-B-1 D47-Szon-B-1 D47-Szon-B-1 D47-Szon-B-1	Salpa aspera Salpa fusiformis Salpa maxima Soestia zonaria	Linear       29         Linear       20         Linear       21         Linear       23         Linear       14         Linear       15         Linear       31         Linear       16         Linear       24         Linear       24         Linear       26         Linear       16         Linear       16         Linear       16         Linear       22         Linear       22         Linear       22         Linear       22         Linear       22         Linear       22         Linear       23         Linear       24         Linear       22         Linear       23         Linear       24         Linear       25         Linear       26         Linear       26         Linear       26         Linear       26         Linear       26         Linear       28         Linear       28         Linear       28         Linear <td>05/08/2023 05/08/2023 9/11/2022 9/12/2022 9/14/2022 6/26/2022 6/26/2022 6/27/2022 9/11/2022 05/10/2023 6/28/2022 9/13/2022 9/15/2022 9/15/2022 6/28/2022 9/15/2022 6/28/2022 9/13/2022</td> <td>Moderate Anesthetized Anesthetized Anesthetized Moderate Active Moderate Active Active Anesthetized Anesthetized Anesthetized Anesthetized Moderate Moderate Moderate Moderate Active Active</td> <td>38 38 28 15 13 15 12 27 14 14 115 70 65 47 80 100 110 115 115 21 21 21 21 21 21 21 21 21 21</td> <td>5 3 13 16 5 19 11 24 24 3 1 3 9 3 5 1 4 4 9 9 9 9 9 9 9 9 9</td> <td>5.4 1.0 1.6 1.0 1.6 1.8 5.5 2.0 2.0 55.0 7.0 17.0 18.0 20.0 32.5 20.0 53.0 53.0 5.4 5.4 5.4 5.4 5.4 5.4 5.4 5.4</td> <td>980 208 208 208 980 208 980 980 980 980 980 980 980 9</td> <td>Anesthetized Anesthetized Intact Intact Intact Intact Paired Anesthetized Anesthetized Anesthetized Anesthetized Anesthetized Intact In</td> <td>180 200 240 120 150 180 138 122 120 180 270 228 180 120 90 0 0 0 0 0 0 120 90 133 115 200</td> <td>0.5 1.8 5.1 0.8 2.0 1.7 1.8 1.9 0.6 2.2 0.3 0.5 1.4 3.0 1.8 0.5 2.2 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0</td> <td>-0.00042 0.00017 -0.00013 0.00011 -0.00006 0.00035 -0.00104 -0.00024 0.00002 -0.00268 0.00099 -0.00264 -0.00212 -0.00422 -0.01118 -0.00567 -0.01375 -0.00555 NA NA</td> <td>0.00014 0.00025 0.00009 0.00008 0.00008 0.00008 0.00008 0.00000 0.00000 -0.00002 -0.00002 NA NA</td> <td>-0.00056 -0.00008 -0.00002 -0.00009 0.00027 -0.00129 -0.00034 -0.000274 0.000274 0.000264 -0.00183 -0.00420 -0.01143 -0.00568 -0.01382 -0.00553 NA NA</td> <td>-78.48 166.95 -83.57 111.99 -35.03 192.01 -188.46 -122.15 8.81 -48.70 141.67 -155.19 -117.64 -211.17 -343.97 -283.73 -259.48 -104.78 NA NA</td> <td>-104.23 -84.31 -159.71 22.27 -58.11 148.73 -234.15 -168.65 -32.73 -49.84 137.02 -155.28 -101.65 -209.75 -351.70 -283.81 -260.66 -104.42 NA NA</td>	05/08/2023 05/08/2023 9/11/2022 9/12/2022 9/14/2022 6/26/2022 6/26/2022 6/27/2022 9/11/2022 05/10/2023 6/28/2022 9/13/2022 9/15/2022 9/15/2022 6/28/2022 9/15/2022 6/28/2022 9/13/2022	Moderate Anesthetized Anesthetized Anesthetized Moderate Active Moderate Active Active Anesthetized Anesthetized Anesthetized Anesthetized Moderate Moderate Moderate Moderate Active	38 38 28 15 13 15 12 27 14 14 115 70 65 47 80 100 110 115 115 21 21 21 21 21 21 21 21 21 21	5 3 13 16 5 19 11 24 24 3 1 3 9 3 5 1 4 4 9 9 9 9 9 9 9 9 9	5.4 1.0 1.6 1.0 1.6 1.8 5.5 2.0 2.0 55.0 7.0 17.0 18.0 20.0 32.5 20.0 53.0 53.0 5.4 5.4 5.4 5.4 5.4 5.4 5.4 5.4	980 208 208 208 980 208 980 980 980 980 980 980 980 9	Anesthetized Anesthetized Intact Intact Intact Intact Paired Anesthetized Anesthetized Anesthetized Anesthetized Anesthetized Intact In	180 200 240 120 150 180 138 122 120 180 270 228 180 120 90 0 0 0 0 0 0 120 90 133 115 200	0.5 1.8 5.1 0.8 2.0 1.7 1.8 1.9 0.6 2.2 0.3 0.5 1.4 3.0 1.8 0.5 2.2 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-0.00042 0.00017 -0.00013 0.00011 -0.00006 0.00035 -0.00104 -0.00024 0.00002 -0.00268 0.00099 -0.00264 -0.00212 -0.00422 -0.01118 -0.00567 -0.01375 -0.00555 NA	0.00014 0.00025 0.00009 0.00008 0.00008 0.00008 0.00008 0.00000 0.00000 -0.00002 -0.00002 NA	-0.00056 -0.00008 -0.00002 -0.00009 0.00027 -0.00129 -0.00034 -0.000274 0.000274 0.000264 -0.00183 -0.00420 -0.01143 -0.00568 -0.01382 -0.00553 NA	-78.48 166.95 -83.57 111.99 -35.03 192.01 -188.46 -122.15 8.81 -48.70 141.67 -155.19 -117.64 -211.17 -343.97 -283.73 -259.48 -104.78 NA	-104.23 -84.31 -159.71 22.27 -58.11 148.73 -234.15 -168.65 -32.73 -49.84 137.02 -155.28 -101.65 -209.75 -351.70 -283.81 -260.66 -104.42 NA
D33-Sfus-B-1 D35-Sfus-B-1 D39-Sfus-B-1 D27-Sfus-B-1 D28-Sfus-B-1 D33-Sfus-B-2 D53-Sfus-B-1 D53-Sfus-B-1 D29-Smax-B-1 D41-Smax-B-1 D41-Smax-B-1 D41-Smax-B-2 D33-Smax-B-1 D41-Smax-B-2 D33-Smax-B-1 D41-Smax-B-2 D39-Smax-B-1b D29-Smax-B-1b D37-Szon-B-1 D37-Szon-B-2 D37-Szon-B-3 D37-Szon-B-5 D37-Szon-B-5 D37-Szon-B-1 D47-Szon-B-1 D47-Szon-B-1 D47-Szon-B-1 D47-Szon-B-1 D50-Tcic-B-1	Salpa aspera Salpa fusiformis Salpa maxima Soestia zonaria Thalia cicar Thalia cicar	Linear       29         Linear       20         Linear       21         Linear       23         Linear       14         Linear       15         Linear       31         Linear       31         Linear       16         Linear       24         Linear       24         Linear       24         Linear       24         Linear       16         Linear       22         Linear       23         Linear       24         Linear       22         Linear       23         Linear       23         Linear       24         Linear       25         Linear       26         Linear       26         Linear       26         Linear       26         Linear       26         Linear       28         Linear <td>05/08/2023 05/08/2023 9/11/2022 9/12/2022 9/14/2022 6/26/2022 6/27/2022 9/11/2022 05/10/2023 05/10/2023 6/28/2022 9/13/2022 9/15/2022 9/15/2022 6/28/2022 9/13/2022 6/28/2022 9/13/2022</td> <td>Moderate Anesthetized Anesthetized Anesthetized Moderate Active Moderate Active Active Anesthetized Anesthetized Anesthetized Anesthetized Moderate Moderate Moderate Moderate Active Low Low</td> <td>38 38 28 15 13 15 12 27 14 14 115 70 65 47 80 100 110 115 115 21 21 21 21 21 21 21 21 21 21</td> <td>5 3 13 16 5 19 11 24 24 3 1 3 9 3 5 1 4 4 9 9 9 9 9 9 9 9 9</td> <td>5.4 1.0 1.6 1.0 1.6 1.8 5.5 2.0 2.0 55.0 7.0 17.0 18.0 20.0 32.5 20.0 53.0 53.0 53.0 5.4 5.4 5.4 5.4 5.4 5.4 5.4 5.4</td> <td>980 208 208 208 980 980 980 980 980 980 980 9</td> <td>Anesthetized Anesthetized Intact Intact Intact Paired Anesthetized Anesthetized Anesthetized Anesthetized Anesthetized Anesthetized Intact Int</td> <td>180 200 240 120 150 180 138 122 120 180 270 120 90 0 0 0 0 0 0 120 90 133 115 200 97</td> <td>0.5 1.8 5.1 0.8 2.0 1.7 1.8 1.9 0.6 2.2 0.3 0.5 1.4 3.0 1.8 0.5 2.2 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0</td> <td>-0.00042 0.00017 -0.00013 0.00011 -0.00006 0.00035 -0.00104 -0.00024 0.00002 -0.00268 0.00099 -0.00264 -0.00212 -0.00422 -0.01118 -0.00567 -0.01375 -0.00555 NA NA</td> <td>0.00014 0.00025 0.00009 0.00008 0.00008 0.00008 0.00008 0.00000 0.00000 -0.00002 -0.00002 NA NA</td> <td>-0.00056 -0.00008 -0.00002 -0.00009 0.00027 -0.00129 -0.00034 -0.0007 -0.00274 0.00096 -0.00264 -0.00183 -0.00420 -0.01143 -0.00568 -0.01382 -0.00553 NA NA</td> <td>-78.48 166.95 -83.57 111.99 -35.03 192.01 -188.46 -122.15 8.81 -48.70 141.67 -155.19 -117.64 -211.17 -343.97 -283.73 -259.48 -104.78 NA NA</td> <td>-104.23 -84.31 -159.71 22.27 -58.11 148.73 -234.15 -168.65 -32.73 -49.84 137.02 -155.28 -101.65 -209.75 -351.70 -283.81 -260.66 -104.42 NA NA</td>	05/08/2023 05/08/2023 9/11/2022 9/12/2022 9/14/2022 6/26/2022 6/27/2022 9/11/2022 05/10/2023 05/10/2023 6/28/2022 9/13/2022 9/15/2022 9/15/2022 6/28/2022 9/13/2022 6/28/2022 9/13/2022	Moderate Anesthetized Anesthetized Anesthetized Moderate Active Moderate Active Active Anesthetized Anesthetized Anesthetized Anesthetized Moderate Moderate Moderate Moderate Active Low Low	38 38 28 15 13 15 12 27 14 14 115 70 65 47 80 100 110 115 115 21 21 21 21 21 21 21 21 21 21	5 3 13 16 5 19 11 24 24 3 1 3 9 3 5 1 4 4 9 9 9 9 9 9 9 9 9	5.4 1.0 1.6 1.0 1.6 1.8 5.5 2.0 2.0 55.0 7.0 17.0 18.0 20.0 32.5 20.0 53.0 53.0 53.0 5.4 5.4 5.4 5.4 5.4 5.4 5.4 5.4	980 208 208 208 980 980 980 980 980 980 980 9	Anesthetized Anesthetized Intact Intact Intact Paired Anesthetized Anesthetized Anesthetized Anesthetized Anesthetized Anesthetized Intact Int	180 200 240 120 150 180 138 122 120 180 270 120 90 0 0 0 0 0 0 120 90 133 115 200 97	0.5 1.8 5.1 0.8 2.0 1.7 1.8 1.9 0.6 2.2 0.3 0.5 1.4 3.0 1.8 0.5 2.2 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-0.00042 0.00017 -0.00013 0.00011 -0.00006 0.00035 -0.00104 -0.00024 0.00002 -0.00268 0.00099 -0.00264 -0.00212 -0.00422 -0.01118 -0.00567 -0.01375 -0.00555 NA	0.00014 0.00025 0.00009 0.00008 0.00008 0.00008 0.00008 0.00000 0.00000 -0.00002 -0.00002 NA	-0.00056 -0.00008 -0.00002 -0.00009 0.00027 -0.00129 -0.00034 -0.0007 -0.00274 0.00096 -0.00264 -0.00183 -0.00420 -0.01143 -0.00568 -0.01382 -0.00553 NA	-78.48 166.95 -83.57 111.99 -35.03 192.01 -188.46 -122.15 8.81 -48.70 141.67 -155.19 -117.64 -211.17 -343.97 -283.73 -259.48 -104.78 NA	-104.23 -84.31 -159.71 22.27 -58.11 148.73 -234.15 -168.65 -32.73 -49.84 137.02 -155.28 -101.65 -209.75 -351.70 -283.81 -260.66 -104.42 NA
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D33-Sfus-B-1 D35-Sfus-B-1 D39-Sfus-B-1 D27-Sfus-B-1 D28-Sfus-B-1 D33-Sfus-B-2 D53-Sfus-B-1 D53-Sfus-B-1 D29-Smax-B-1 D41-Smax-B-1 D41-Smax-B-1 D41-Smax-B-2 D33-Smax-B-1 D41-Smax-B-2 D33-Smax-B-1 D41-Smax-B-2 D39-Smax-B-1b D29-Smax-B-1b D37-Szon-B-1 D37-Szon-B-1 D37-Szon-B-2 D37-Szon-B-5 D37-Szon-B-6 D29-Szon-B-1 D47-Szon-B-1 D47-Szon-B-1 D47-Szon-B-1 D50-Tcic-B-1 D50-Tcic-B-1 D53-Tcic-B-1	Salpa aspera Salpa fusiformis Salpa maxima Soestia zonaria Toestia zonaria Thalia cicar Thalia cicar Thalia cicar Thalia cicar	Linear       29         Linear       20         Linear       21         Linear       23         Linear       14         Linear       15         Linear       20         Linear       31         Linear       16         Linear       24         Linear       24         Linear       26         Linear       26         Linear       26         Linear       26         Linear       22         Linear       22         Linear       22         Linear       22         Linear       22         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5.4 5.4 5.4 5.4 5.4 5.4 5.4 5.4</td> <td>980 208 208 208 980 980 980 980 980 980 980 9</td> <td>Anesthetized Anesthetized Intact Intact Intact Paired Anesthetized Anesthetized Anesthetized Anesthetized Anesthetized Intact In</td> <td>180 200 240 120 150 180 138 122 120 180 270 120 90 0 0 0 0 0 120 90 133 115 200 97 138 122</td> <td>0.5 1.8 5.1 0.8 2.0 1.7 1.8 1.9 0.6 2.2 0.3 0.5 1.4 3.0 1.8 0.5 2.2 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0</td> <td>-0.00042 0.00017 -0.00013 0.00011 -0.00006 0.00035 -0.00104 -0.00024 0.00002 -0.00268 0.00099 -0.00264 -0.00212 -0.00422 -0.01118 -0.00567 -0.01375 -0.00555 NA NA</td> <td>0.00014 0.00025 0.00009 0.00008 0.00008 0.00008 0.00008 0.00000 0.00000 -0.00002 0.00000 0.00006 -0.00002 NA O.00006 -0.00002 -0.0002 -0.00002 O.00006 -0.00002 O.00008</td> <td>-0.00056 -0.00008 -0.00002 -0.00009 0.00027 -0.00129 -0.00034 -0.00274 0.00096 -0.00264 -0.00183 -0.00420 -0.01143 -0.00568 -0.01382 -0.00553 NA NA</td> <td>-78.48 166.95 -83.57 111.99 -35.03 192.01 -188.46 -122.15 8.81 -48.70 141.67 -155.19 -117.64 -211.17 -343.97 -283.73 -259.48 -104.78 NA NA</td> <td>-104.23 -84.31 -159.71 22.27 -58.11 148.73 -234.15 -168.65 -32.73 -49.84 137.02 -155.28 -101.65 -209.75 -351.70 -283.81 -260.66 -104.42 NA NA</td>	05/08/2023 05/08/2023 9/11/2022 9/12/2022 9/14/2022 6/26/2022 6/26/2022 6/27/2022 9/11/2022 05/10/2023 6/28/2022 9/13/2022 9/15/2022 9/15/2022 6/28/2022 9/15/2022 6/28/2022 9/13/2022	Moderate Anesthetized Anesthetized Anesthetized Moderate Active Moderate Active Active Anesthetized Anesthetized Anesthetized Anesthetized Anesthetized Moderate Moderate Moderate Active Low Low Low Low	38 38 28 15 13 15 12 27 14 14 115 70 65 47 80 100 110 115 115 21 21 21 21 21 21 21 21 21 21	5 3 13 16 5 19 11 24 24 3 1 3 9 3 5 1 4 4 9 9 9 9 9 9 9 9 9	5.4 1.0 1.6 1.0 1.6 1.8 5.5 2.0 2.0 55.0 7.0 17.0 18.0 20.0 32.5 20.0 53.0 53.0 5.4 5.4 5.4 5.4 5.4 5.4 5.4 5.4	980 208 208 208 980 980 980 980 980 980 980 9	Anesthetized Anesthetized Intact Intact Intact Paired Anesthetized Anesthetized Anesthetized Anesthetized Anesthetized Intact In	180 200 240 120 150 180 138 122 120 180 270 120 90 0 0 0 0 0 120 90 133 115 200 97 138 122	0.5 1.8 5.1 0.8 2.0 1.7 1.8 1.9 0.6 2.2 0.3 0.5 1.4 3.0 1.8 0.5 2.2 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-0.00042 0.00017 -0.00013 0.00011 -0.00006 0.00035 -0.00104 -0.00024 0.00002 -0.00268 0.00099 -0.00264 -0.00212 -0.00422 -0.01118 -0.00567 -0.01375 -0.00555 NA	0.00014 0.00025 0.00009 0.00008 0.00008 0.00008 0.00008 0.00000 0.00000 -0.00002 0.00000 0.00006 -0.00002 NA O.00006 -0.00002 -0.0002 -0.00002 O.00006 -0.00002 O.00008	-0.00056 -0.00008 -0.00002 -0.00009 0.00027 -0.00129 -0.00034 -0.00274 0.00096 -0.00264 -0.00183 -0.00420 -0.01143 -0.00568 -0.01382 -0.00553 NA	-78.48 166.95 -83.57 111.99 -35.03 192.01 -188.46 -122.15 8.81 -48.70 141.67 -155.19 -117.64 -211.17 -343.97 -283.73 -259.48 -104.78 NA	-104.23 -84.31 -159.71 22.27 -58.11 148.73 -234.15 -168.65 -32.73 -49.84 137.02 -155.28 -101.65 -209.75 -351.70 -283.81 -260.66 -104.42 NA
D33-Sfus-B-1 D35-Sfus-B-1 D39-Sfus-B-1 D27-Sfus-B-1 D28-Sfus-B-1 D33-Sfus-B-2 D53-Sfus-B-1 D53-Sfus-B-1 D29-Smax-B-1 D41-Smax-B-1 D41-Smax-B-1 D41-Smax-B-2 D33-Smax-B-1 D41-Smax-B-2 D39-Smax-B-1b D29-Smax-B-1b D29-Smax-B-1b D37-Szon-B-1 D37-Szon-B-2 D37-Szon-B-3 D37-Szon-B-5 D37-Szon-B-6 D29-Szon-B-1 D47-Szon-B-1 D47-Szon-B-1 D47-Szon-B-1 D50-Tcic-B-1 D50-Tcic-B-1	Salpa aspera Salpa fusiformis Salpa maxima Soestia zonaria Toestia zonaria Thalia cicar Thalia cicar Thalia cicar	Linear       29         Linear       20         Linear       21         Linear       23         Linear       14         Linear       15         Linear       31         Linear       16         Linear       24         Linear       24         Linear       25         Linear       26         Linear       26         Linear       26         Linear       26         Linear       26         Linear       22         Linear       22         Linear       22         Linear       22         Linear       22         Linear       22         Linear       23         Linear       26         Linear       28         Linear <td>05/08/2023 05/08/2023 9/11/2022 9/12/2022 9/14/2022 6/26/2022 6/27/2022 9/11/2022 05/10/2023 05/10/2023 6/28/2022 9/13/2022 9/15/2022 9/15/2022 6/28/2022 9/13/2022</td> <td>Moderate Anesthetized Anesthetized Anesthetized Moderate Active Moderate Active Active Anesthetized Anesthetized Anesthetized Anesthetized Anesthetized Moderate Moderate Moderate Active Low Low Low Low Low Low</td> <td>38 38 28 15 13 15 12 27 14 14 115 70 65 47 80 100 110 115 115 21 21 21 21 21 21 21 21 21 21</td> <td>5 3 13 16 5 19 11 24 24 3 1 3 9 3 5 1 4 4 9 9 9 9 9 9 9 9 9</td> <td>5.4 1.0 1.6 1.0 1.6 1.8 5.5 2.0 2.0 55.0 7.0 17.0 18.0 20.0 32.5 20.0 53.0 53.0 5.4 5.4 5.4 5.4 5.4 5.4 5.4 5.4</td> <td>980 208 208 208 980 980 980 980 980 980 980 9</td> <td>Anesthetized Anesthetized Intact Intact Intact Paired Anesthetized Anesthetized Anesthetized Anesthetized Anesthetized Intact In</td> <td>180 200 240 120 150 180 138 122 120 180 270 120 90 0 0 0 0 0 120 90 133 115 200 97 138</td> <td>0.5 1.8 5.1 0.8 2.0 1.7 1.8 1.9 0.6 2.2 0.3 0.5 1.4 3.0 1.8 0.5 2.2 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0</td> <td>-0.00042 0.00017 -0.00013 0.00011 -0.00006 0.00035 -0.00104 -0.00024 0.00002 -0.00268 0.00099 -0.00264 -0.00212 -0.00422 -0.01118 -0.00567 -0.01375 -0.00555 NA NA</td> <td>0.00014 0.00025 0.00009 0.00008 0.00008 0.00008 0.00008 0.00000 0.00000 -0.00002 -0.00002 NA NA</td> <td>-0.00056 -0.00008 -0.00002 -0.00009 0.00027 -0.00129 -0.00034 -0.000274 0.000274 0.000264 -0.00183 -0.00420 -0.01143 -0.00568 -0.01382 -0.00553 NA NA</td> <td>-78.48 166.95 -83.57 111.99 -35.03 192.01 -188.46 -122.15 8.81 -48.70 141.67 -155.19 -117.64 -211.17 -343.97 -283.73 -259.48 -104.78 NA NA</td> <td>-104.23 -84.31 -159.71 22.27 -58.11 148.73 -234.15 -168.65 -32.73 -49.84 137.02 -155.28 -101.65 -209.75 -351.70 -283.81 -260.66 -104.42 NA NA</td>	05/08/2023 05/08/2023 9/11/2022 9/12/2022 9/14/2022 6/26/2022 6/27/2022 9/11/2022 05/10/2023 05/10/2023 6/28/2022 9/13/2022 9/15/2022 9/15/2022 6/28/2022 9/13/2022	Moderate Anesthetized Anesthetized Anesthetized Moderate Active Moderate Active Active Anesthetized Anesthetized Anesthetized Anesthetized Anesthetized Moderate Moderate Moderate Active Low Low Low Low Low Low	38 38 28 15 13 15 12 27 14 14 115 70 65 47 80 100 110 115 115 21 21 21 21 21 21 21 21 21 21	5 3 13 16 5 19 11 24 24 3 1 3 9 3 5 1 4 4 9 9 9 9 9 9 9 9 9	5.4 1.0 1.6 1.0 1.6 1.8 5.5 2.0 2.0 55.0 7.0 17.0 18.0 20.0 32.5 20.0 53.0 53.0 5.4 5.4 5.4 5.4 5.4 5.4 5.4 5.4	980 208 208 208 980 980 980 980 980 980 980 9	Anesthetized Anesthetized Intact Intact Intact Paired Anesthetized Anesthetized Anesthetized Anesthetized Anesthetized Intact In	180 200 240 120 150 180 138 122 120 180 270 120 90 0 0 0 0 0 120 90 133 115 200 97 138	0.5 1.8 5.1 0.8 2.0 1.7 1.8 1.9 0.6 2.2 0.3 0.5 1.4 3.0 1.8 0.5 2.2 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-0.00042 0.00017 -0.00013 0.00011 -0.00006 0.00035 -0.00104 -0.00024 0.00002 -0.00268 0.00099 -0.00264 -0.00212 -0.00422 -0.01118 -0.00567 -0.01375 -0.00555 NA	0.00014 0.00025 0.00009 0.00008 0.00008 0.00008 0.00008 0.00000 0.00000 -0.00002 -0.00002 NA	-0.00056 -0.00008 -0.00002 -0.00009 0.00027 -0.00129 -0.00034 -0.000274 0.000274 0.000264 -0.00183 -0.00420 -0.01143 -0.00568 -0.01382 -0.00553 NA	-78.48 166.95 -83.57 111.99 -35.03 192.01 -188.46 -122.15 8.81 -48.70 141.67 -155.19 -117.64 -211.17 -343.97 -283.73 -259.48 -104.78 NA	-104.23 -84.31 -159.71 22.27 -58.11 148.73 -234.15 -168.65 -32.73 -49.84 137.02 -155.28 -101.65 -209.75 -351.70 -283.81 -260.66 -104.42 NA

D46-Tlon-B-1	Thalia sp.	Oblique 28	05/07/2023	Low	5	20	0.3	208	Paired	74	0.4	-0.00000	0.00017	-0.00017	-0.00	-573.79
D46-Tlon-B-2	Thalia sp.	Oblique 28	05/07/2023	Low	4	20	0.2	208	Paired	243	1.3	-0.00004	0.00015	-0.00018	-178.77	-916.69
D46-Tlon-B-2	Thalia sp.	Oblique 28	05/07/2023	Low	4	20	0.2	208	Paired	74	0.4	-0.00008	0.00017	-0.00025	-390.38	-1251.06
D48-Tlon-B-1	Thalia sp.	Oblique 29	05/08/2023	Low	5	19	0.3	208	Paired	147	2.1	0.00007	0.00057	-0.00050	228.56	-1661.29
D48-Tlon-B-1	Thalia sp.	Oblique 29	05/08/2023	Low	5	19	0.3	208	Paired	103	0.6	0.00036	0.00067	-0.00030	1216.12	-1003.64
D49-Tlon-B-1	Thalia sp.	Oblique 29	05/08/2023	Low	6	15	0.3	208	Paired	135	1.7	0.00009	0.00034	-0.00025	308.97	-840.09
D49-Tlon-B-1	Thalia sp.	Oblique 29	05/08/2023	Low	6	15	0.3	208	Paired	70	0.5	0.00003	0.00014	-0.00011	93.69	-369.82