

Specimen	Species	Architecture	Experiment	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)	Biovolume-corrected gross respiration rate (pgO2/min/ml)	Biovolume-corrected net respiration rate (pgO2/min/ml)
D28-Bros-B-1	<i>Brooksia rostrata</i>	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
D35-Bros-B-1	<i>Brooksia rostrata</i>	Bipinnate	21	9/12/2022	Anesthetized	4	22	0.2	208	Anesthetized	200	5.1	0.00007	0.00012	-0.00005	364.00	-245.14
D39-Bros-B-2	<i>Brooksia rostrata</i>	Bipinnate	23	9/14/2022	Anesthetized	4	12	0.2	208	Anesthetized	240	0.8	0.00020	0.00009	0.00011	1005.12	556.50
D41-Bros-B-1	<i>Brooksia rostrata</i>	Bipinnate	24	9/15/2022	Anesthetized	11	37	11.5	208	Anesthetized	270	0.5	-0.00011	0.00000	-0.00011	-9.52	-9.65
D11-BR-B-1	<i>Brooksia rostrata</i>	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
D11-BR-B-2	<i>Brooksia rostrata</i>	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
D15-BR-B-1	<i>Brooksia rostrata</i>	Bipinnate	8	4/19/2022	Moderate	10	8	0.8	208	Intact	123	1.5	0.00024	0.00010	0.00014	299.86	172.37
D15-BR-B-2	<i>Brooksia rostrata</i>	Bipinnate	8	4/19/2022	Moderate	3	14	3.8	208	Intact	123	1.5	0.00040	0.00010	0.00030	106.39	79.28
D21-BR-B-1	<i>Brooksia rostrata</i>	Bipinnate	11	4/22/2022	Moderate	4	14	0.2	208	Intact	150	1.2	0.00017	0.00006	0.00012	855.52	579.73
D25-BR-B-1	<i>Brooksia rostrata</i>	Bipinnate	13	4/25/2022	Moderate	4	60	1.0	208	Intact	126	1.2	0.00019	0.00025	-0.00007	187.34	-67.12
D31-Bros-B-1	<i>Brooksia rostrata</i>	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
D7-BR-B-1	<i>Brooksia rostrata</i>	Bipinnate	4	9/20/2021	Very active	7	28	8.0	208	Intact	300	NA	-0.00040	-0.00009	-0.00031	-49.29	-38.27
D7-BR-B-2	<i>Brooksia rostrata</i>	Bipinnate	4	9/20/2021	Very active	8	24	7.9	208	Intact	300	NA	-0.00047	-0.00009	-0.00038	-59.17	-48.00
D7-BR-B-3	<i>Brooksia rostrata</i>	Bipinnate	4	9/20/2021	Very active	8	19	7.1	208	Intact	300	NA	-0.00038	-0.00009	-0.00029	-53.27	-40.87
D29-Bros-B-1	<i>Brooksia rostrata</i>	Bipinnate	16	6/28/2022	Active	6	8	0.2	208	Paired	120	2.2	0.00008	0.00006	0.00001	331.59	60.29
D29-Bros-B-1	<i>Brooksia rostrata</i>	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
D29-Bros-B-2	<i>Brooksia rostrata</i>	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
D29-Bros-B-2	<i>Brooksia rostrata</i>	Bipinnate	16	6/28/2022	Active	7	17	1.1	208	Paired	90	0.2	-0.00021	-0.00002	-0.00020	-195.39	-177.94
D31-Caff-B-1	<i>Cyclosalpa affinis</i>	Whorl	18	6/30/2022	Anesthetized	32	8	5.5	208	Anesthetized	180	3.0	-0.00068	-0.00003	-0.00065	-122.91	-117.77
D31-Caff-B-2	<i>Cyclosalpa affinis</i>	Whorl	18	6/30/2022	Anesthetized	32	6	8.0	208	Anesthetized	180	3.0	-0.00073	-0.00003	-0.00070	-90.69	-87.15
D11-CA-B-1	<i>Cyclosalpa affinis</i>	Whorl	6	9/22/2021	Active	45	6	24.3	208	Intact	295	2.3	-0.00275	-0.00002	-0.00273	-113.22	-112.40
D13-CA-B-1	<i>Cyclosalpa affinis</i>	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
D13-CA-B-2	<i>Cyclosalpa affinis</i>	Whorl	7	9/23/2021	Active	35	6	19.1	208	Intact	105	0.8	-0.00188	-0.00025	-0.00163	-98.49	-85.46
D13-CA-B-3	<i>Cyclosalpa affinis</i>	Whorl	7	9/23/2021	Active	35	6	19.1	208	Intact	156	1.6	-0.00137	-0.00006	-0.00131	-71.51	-68.28
D15-CAff-B-1	<i>Cyclosalpa affinis</i>	Whorl	8	4/19/2022	Active	50	6	42.0	208	Intact	123	1.5	-0.00694	0.00010	-0.00704	-165.15	-167.58
D17-Caff-B-1	<i>Cyclosalpa affinis</i>	Whorl	9	4/20/2022	Moderate	35	11	27.5	208	Intact	120	1.4	-0.00467	0.00009	-0.00476	-169.74	-173.09
D17-Caff-B-2	<i>Cyclosalpa affinis</i>	Whorl	9	4/20/2022	Active	40	8	48.0	980	Intact	120	1.4	-0.00379	0.00009	-0.00389	-79.06	-80.98
D7-CA-B-1	<i>Cyclosalpa affinis</i>	Whorl	4	9/20/2021	Moderate	40	4	21.4	208	Intact	300	NA	-0.00246	-0.00009	-0.00237	-114.72	-110.57
D32-Cbak-B-1	<i>Cyclosalpa bakeri</i>	Whorl	19	7/1/2022	Anesthetized	12	5	1.3	208	Anesthetized	180	3.1	0.00020	0.00007	0.00013	150.48	97.73
D39-Cbak-B-1	<i>Cyclosalpa bakeri</i>	Whorl	23	9/14/2022	Anesthetized	9	4	0.2	208	Anesthetized	240	0.8	0.00019	0.00009	0.00010	968.82	520.20
D19-Cbak-B-1	<i>Cyclosalpa bakeri</i>	Whorl	10	4/21/2022	Moderate	12	6	3.6	208	Intact	120	1.2	-0.00003	0.00026	-0.00030	-9.52	-82.25
D37-Cbak-B-1	<i>Cyclosalpa bakeri</i>	Whorl	22	9/13/2022	Low	10	8	1.5	208	Intact	180	0.3	-0.00014	0.00000	-0.00014	-91.02	-93.65
D44-Cbak-B-1	<i>Cyclosalpa bakeri</i>	Whorl	27	05/06/2023	Moderate	20	9	7.0	208	Paired	264	2.3	-0.00063	-0.00004	-0.00059	-90.69	-84.52
D44-Cbak-B-1	<i>Cyclosalpa bakeri</i>	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
D44-Cbak-B-2	<i>Cyclosalpa bakeri</i>	Whorl	27	05/06/2023	Moderate	17	11	5.1	208	Paired	264	2.3	-0.00058	-0.00004	-0.00054	-114.15	-105.68
D44-Cbak-B-2	<i>Cyclosalpa bakeri</i>	Whorl	27	05/06/2023	Moderate	17	11	5.1	208	Paired	155	0.7	-0.00004	0.00007	-0.00011	-8.22	-21.80
D44-Cbak-B-3	<i>Cyclosalpa bakeri</i>	Whorl	27	05/06/2023	Moderate	22	5	2.0	208	Paired	264	2.3	-0.00047	-0.00004	-0.00043	-237.16	-215.58
D44-Cbak-B-3	<i>Cyclosalpa bakeri</i>	Whorl	27	05/06/2023	Moderate	22	5	2.0	208	Paired	155	0.7	-0.00003	0.00007	-0.00010	-14.67	-49.30
D44-Cpol-B-1	<i>Cyclosalpa polae</i>	Cluster	27	05/06/2023	Anesthetized	23	7	9.0	980	Anesthetized	352	2.3	-0.00038	-0.00003	-0.00034	-41.69	-38.12
D32-Cpol-B-1	<i>Cyclosalpa polae</i>	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
D48-Cpol-B-1	<i>Cyclosalpa polae</i>	Cluster	29	05/08/2023	Moderate	21	1	1.0	208	Paired	147	2.1	-0.00010	0.00057	-0.00066	-95.55	-662.51
D48-Cpol-B-1	<i>Cyclosalpa polae</i>	Cluster	29	05/08/2023	Moderate	21	1	1.0	208	Paired	103	0.6	0.00026	0.00067	-0.00040	263.60	-402.33
D50-Cpol-B-1	<i>Cyclosalpa polae</i>	Cluster	30	05/09/2023	Moderate	17	4	2.3	208	Paired	200	1.6	-0.00040	0.00064	-0.00104	-175.47	-454.11
D50-Cpol-B-1	<i>Cyclosalpa polae</i>	Cluster	30	05/09/2023	Moderate	17	4	2.3	208	Paired	97	0.6	0.00010	0.00094	-0.00084	44.46	-363.55
D50-Cpol-B-2	<i>Cyclosalpa polae</i>	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
D50-Cpol-B-2	<i>Cyclosalpa polae</i>	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
D52-Cpol-B-1	<i>Cyclosalpa polae</i>	Cluster	31	05/10/2023	Moderate	12	8	2.1	208	Paired	157	1.5	-0.00038	0.00036	-0.00074	-181.94	-352.24
D52-Cpol-B-1	<i>Cyclosalpa polae</i>	Cluster	31	05/10/2023	Moderate	12	8	2.1	208	Paired	137	0.7	0.00005	0.00052	-0.00047	23.54	-224.43
D53-Cpol-B-1	<i>Cyclosalpa polae</i>	Cluster	31	05/10/2023	Low	14	10	1.8	208	Paired	138	1.9	-0.00026	0.00009	-0.00036	-146.33	-197.99
D53-Cpol-B-1	<i>Cyclosalpa polae</i>	Cluster	31	05/10/2023	Low	14	10	1.8	208	Paired	122	0.6	-0.00015	0.00008	-0.00023	-82.84	-129.00
D31-Cqua-B-1	<i>Cyclosalpa quadriluminis</i>	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
D42-Cqua-B-1	<i>Cyclosalpa quadriluminis</i>	Whorl	25	9/16/2022	Anesthetized	28	5	28.0	208	Anesthetized	424	1.0	-0.00111	-0.00005	-0.00105	-39.49	-37.67
D25-Cqua-B-1	<i>Cyclosalpa quadriluminis</i>	Whorl	13	4/25/2022	Moderate	25	4	4.0	208	Intact	126	1.2	-0.00060	0.00025	-0.00085	-148.82	-212.43
D41-Cqua-B-1	<i>Cyclosalpa quadriluminis</i>	Whorl	24	9/15/2022	Moderate	17	11	5.5	208	Intact	270	0.5	-0.00110	0.00000	-0.00110	-199.57	-199.85
D45-Cqua-B-1	<i>Cyclosalpa quadriluminis</i>	Whorl	27	05/06/2023	Active	35	6	15.0	490	Intact	228	1.4	-0.00495	-0.00029	-0.00466	-330.02	-310.82
D51-Cqua-B-1	<i>Cyclosalpa quadriluminis</i>	Whorl	30	05/09/2023	Anesthetized	29	8	21.0	490	Paired	187	1.2	-0.00088	0.00005	-0.00093	-41.91	-44.24
D28-Csew-B-1	<i>Cyclosalpa sewelli</i>	Cluster	15	6/27/2022	Anesthetized	12	10	2.4	208	Anesthetized	150	1.7	0.00001	0.00008	-0.00007	2.96	-29.50
D28-Csew-B-2	<i>Cyclosalpa sewelli</i>	Cluster	15	6/27/2022	Anesthetized	8	16	2.5	208	Anesthetized	150	1.7	0.00000	0.00008	-0.00008	0.57	-30.59
D39-Csew-B-1	<i>Cyclosalpa sewelli</i>	Cluster	23	9/14/2022	Anesthetized	9	15	1.3	208	Anesthetized	240	0.8	0.00013	0.00009	0.00004	100.58	31.56
D15-CPol-B-1	<i>Cyclosalpa sewelli</i>	Cluster	8	4/19/2022	Moderate	15	7	4.4	208	Intact	123	1.5	-0.00004	0.00010	-0.00014	-9.75	-32.93
D23-Cpol-B-1	<i>Cyclosalpa sewelli</i>	Cluster	12	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	<i>Cyclosalpa sewelli</i>	Cluster	2	9/19/2021	Low	20	1	10.5	208	Intact	60	NA	-0.00001	0.00049	-0.00050	-1.32	-47.35
D9-Csew-B-1	<i>Cyclosalpa sewelli</i>	Cluster	5	9/21/2021	Moderate	25	4	13.6	208	Intact	360	1.6	-0.00057	-0.00006	-0.00051	-42.01	-37.36
D9-Csew-B-2	<i>Cyclosalpa sewelli</i>	Cluster	5	9/21/2021	Moderate	25	6	13.9	208	Intact	360	1.6	-0.00069	-0.00006	-0.00062	-49.20	-44.65
D9-Csew-B-3	<i>Cyclosalpa sewelli</i>	Cluster	5	9/21/2021	Moderate	20	2	10.7	208	Intact	360	1.6	-0.00027	-0.00006	-0.00021	-25.47	-19.55
D9-Csew-B-4	<i>Cyclosalpa sewelli</i>	Cluster	5	9/21/2021	Moderate	25	1	13.1	208	Intact	360	1.6	-0.00025	-0.00006	-0.00018	-18.86	-14.04
D29-Csew-B-1	<i>Cyclosalpa sewelli</i>	Cluster	16	6/28/2022	Moderate	19	5	4.5	208	Paired	120	2.2	-0.00028	0.00006	-0.00034	-61.63	-75.50
D29-Csew-B-1	<i>Cyclosalpa sewelli</i>	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
D43-Hvir-B-1	<i>Helicosalpa virgula</i>	Helical	26	9/16/2022	Moderate	12	68	13.0	980	Intact	312	0.5	-0.00328	-0.00004	-0.00324	-252.2	

D14-WC-B-3	<i>lasis cylindrica</i>	Linear	7	9/23/2021	Very active	10	34	10.5	208	Intact	105	0.8	-0.00261	-0.00025	-0.00236	-247.82	-224.19
D14-WC-B-4	<i>lasis cylindrica</i>	Linear	7	9/23/2021	Very active	10	34	10.5	208	Intact	156	1.6	-0.00184	-0.00006	-0.00178	-174.65	-168.79
D21-Icyl-B-1	<i>lasis cylindrica</i>	Linear	11	4/22/2022	Moderate	7	21	1.3	208	Intact	150	1.2	-0.00016	0.00006	-0.00021	-121.33	-163.75
D21-Icyl-B-2A	<i>lasis cylindrica</i>	Linear	11	4/22/2022	Very active	15	28	6.0	980	Intact	150	1.2	-0.00173	0.00006	-0.00179	-289.10	-298.29
D21-Icyl-B-2B	<i>lasis cylindrica</i>	Linear	11	4/22/2022	Very active	15	15	3.0	980	Intact	150	1.2	-0.00011	0.00006	-0.00016	-36.30	-54.68
D23-Icyl-B-1	<i>lasis cylindrica</i>	Linear	12	4/24/2022	Active	15	44	14.1	980	Intact	123	1.1	-0.00318	0.00007	-0.00326	-225.69	-230.96
D32-Icyl-B2	<i>lasis cylindrica</i>	Linear	19	7/1/2022	Active	7	76	0.5	208	Intact	180	3.1	-0.00064	0.00007	-0.00071	-1277.71	-1414.86
D41-Icyl-B-1	<i>lasis cylindrica</i>	Linear	24	9/15/2022	Active	10	10	1.5	208	Paired	105	0.2	-0.00055	0.00004	-0.00059	-367.28	-395.82
D41-Icyl-B-1	<i>lasis cylindrica</i>	Linear	24	9/15/2022	Active	10	10	1.5	208	Paired	115	0.2	-0.00030	-0.00001	-0.00029	-199.35	-190.74
D48-Ipun-B-1	<i>Ihlea punctata</i>	Linear	29	05/08/2023	Moderate	12	68	3.7	980	Paired	147	2.1	-0.00521	0.00057	-0.00578	-1407.69	-1560.92
D48-Ipun-B-1	<i>Ihlea punctata</i>	Linear	29	05/08/2023	Moderate	12	68	3.7	980	Paired	103	0.6	0.00035	0.00067	-0.00032	94.70	-85.28
D39-Mhex-B-1	<i>Metacalfina hexagona</i>	Linear	23	9/14/2022	Anesthetized	28	16	22.0	980	Anesthetized	240	0.8	-0.00104	0.00077	-0.00180	-47.07	-81.93
D27-Pcon-B-1	<i>Pegea sp.</i>	Transversal	14	6/26/2022	Anesthetized	28	2	3.5	208	Anesthetized	120	2.0	-0.00006	0.00004	-0.00010	-18.15	-28.70
D30-Pco-B-1	<i>Pegea sp.</i>	Transversal	17	6/29/2022	Anesthetized	36	5	15.0	980	Anesthetized	142	0.9	0.00021	0.00002	0.00020	14.32	13.30
D35-Pcon-B-1	<i>Pegea sp.</i>	Transversal	21	9/12/2022	Anesthetized	35	8	23.0	980	Anesthetized	200	5.1	-0.00153	0.00012	-0.00165	-66.65	-71.95
D37-Pcon-B-1	<i>Pegea sp.</i>	Transversal	22	9/13/2022	Anesthetized	60	12	80.0	980	Anesthetized	180	0.3	-0.00920	0.00003	-0.00923	-115.01	-115.42
D19-Pso-B-1	<i>Pegea sp.</i>	Transversal	10	4/21/2022	Moderate	80	5	65.0	980	Intact	120	1.2	-0.01312	0.00026	-0.01338	-201.78	-205.81
D19-Pso-B-2	<i>Pegea sp.</i>	Transversal	10	4/21/2022	Moderate	65	5	50.0	980	Intact	120	1.2	-0.01116	0.00026	-0.01142	-223.24	-228.48
D19-Pso-B-3	<i>Pegea sp.</i>	Transversal	10	4/21/2022	Moderate	65	1	18.0	208	Intact	120	1.2	-0.00168	0.00026	-0.00195	-93.56	-108.10
D23-Pso-B-1	<i>Pegea sp.</i>	Transversal	12	4/24/2022	Moderate	30	22	44.0	980	Intact	123	1.1	-0.00704	0.00007	-0.00712	-160.07	-161.76
D25-Pso-B-1	<i>Pegea sp.</i>	Transversal	13	4/25/2022	Active	42	7	35.0	980	Intact	126	1.2	-0.00269	0.00176	-0.00444	-76.73	-126.97
D31-Pcon-B-2	<i>Pegea sp.</i>	Transversal	18	6/30/2022	Moderate	41	3	9.0	980	Intact	180	3.0	-0.00115	-0.00003	-0.00113	-128.33	-125.19
D5-PC-B-1	<i>Pegea sp.</i>	Transversal	3	9/19/2021	Moderate	25	5	13.8	208	Intact	259	NA	-0.00042	-0.00001	-0.00042	-30.76	-30.39
D46-Psp-B-1	<i>Pegea sp.</i>	Transversal	28	05/07/2023	Moderate	12	87	4.9	490	Paired	243	1.3	-0.00170	0.00015	-0.00185	-347.02	-377.14
D46-Psp-B-1	<i>Pegea sp.</i>	Transversal	28	05/07/2023	Moderate	12	87	4.9	490	Paired	74	0.4	-0.00073	0.00017	-0.00090	-149.42	-184.55
D52-Psp-B-1	<i>Pegea sp.</i>	Transversal	31	05/10/2023	Low	43	8	18.0	980	Paired	157	1.5	-0.00561	0.00036	-0.00597	-311.81	-331.67
D52-Psp-B-1	<i>Pegea sp.</i>	Transversal	31	05/10/2023	Low	43	8	18.0	980	Paired	137	0.7	0.00015	0.00052	-0.00037	8.11	-20.82
D30-Ramb-B-1	<i>Ritteriella amboinensis</i>	Bipinnate	17	6/29/2022	Anesthetized	18	3	1.5	208	Anesthetized	142	0.9	0.00010	0.00002	0.00008	66.31	56.09
D30-Ramb-B-2	<i>Ritteriella amboinensis</i>	Bipinnate	17	6/29/2022	Anesthetized	15	5	0.8	208	Anesthetized	142	0.9	0.00010	0.00002	0.00008	124.46	105.29
D30-Ramb-B-4	<i>Ritteriella amboinensis</i>	Bipinnate	17	6/29/2022	Anesthetized	22	38	6.3	980	Anesthetized	142	0.9	-0.00036	0.00002	-0.00037	-56.69	-59.13
D23-Ramb-B-1	<i>Ritteriella amboinensis</i>	Bipinnate	12	4/24/2022	Moderate	40	23	40.0	208	Intact	123	1.1	-0.00164	0.00007	-0.00171	-40.95	-42.81
D27-Ramb-B-1	<i>Ritteriella amboinensis</i>	Bipinnate	14	6/26/2022	Moderate	28	10	3.5	208	Intact	120	2.0	-0.00009	0.00004	-0.00012	-24.44	-34.99
D27-Ramb-B-2	<i>Ritteriella amboinensis</i>	Bipinnate	14	6/26/2022	Moderate	15	5	2.5	208	Intact	120	2.0	-0.00003	0.00004	-0.00006	-10.79	-25.57
D30-Ramb-B-3	<i>Ritteriella amboinensis</i>	Bipinnate	17	6/29/2022	Moderate	17	5	1.4	208	Intact	142	0.9	-0.00002	0.00002	-0.00004	-17.68	-28.64
D47-Rret-B-1	<i>Ritteriella retracta</i>	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	<i>Ritteriella retracta</i>	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	<i>Ritteriella retracta</i>	Bipinnate	30	05/09/2023	Low	31	8	7.8	980	Paired	200	1.6	-0.00161	0.00064	-0.00225	-205.81	-287.97
D50-Rret-B-1	<i>Ritteriella retracta</i>	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	<i>Ritteriella retracta</i>	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
D27-Rsp-B-1	<i>Ritteriella retracta</i>	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	<i>Ritteriella retracta</i>	Bipinnate	21	9/12/2022	Moderate	33	14	18.2	980	Intact	200	5.1	-0.00216	0.00010	-0.00225	-118.46	-123.69
D32-Rsp-B-1	<i>Ritteriella retracta</i>	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	<i>Salpa aspera</i>	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	<i>Salpa aspera</i>	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	<i>Salpa aspera</i>	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	<i>Salpa aspera</i>	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	<i>Salpa aspera</i>	Linear	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	<i>Salpa aspera</i>	Linear	29	05/08/2023	Moderate	38	5	5.4	980	Paired	135	1.7	-0.00179	0.00034	-0.00214	-332.12	-395.96
D49-Sasp-B-1	<i>Salpa aspera</i>	Linear	29	05/08/2023	Moderate	38	5	5.4	980	Paired	70	0.5	-0.00042	0.00014	-0.00056	-78.48	-104.23
D33-Sfus-B-1	<i>Salpa fusiformis</i>	Linear	20	9/11/2022	Anesthetized	28	3	1.0	208	Anesthetized	180	1.8	0.00017	0.00025	-0.00008	166.95	-84.31
D35-Sfus-B-1	<i>Salpa fusiformis</i>	Linear	21	9/12/2022	Anesthetized	15	13	1.6	208	Anesthetized	200	5.1	-0.00013	0.00012	-0.00026	-83.57	-159.71
D39-Sfus-B-1	<i>Salpa fusiformis</i>	Linear	23	9/14/2022	Anesthetized	13	16	1.0	208	Anesthetized	240	0.8	0.00011	0.00009	0.00002	111.99	22.27
D27-Sfus-B-1	<i>Salpa fusiformis</i>	Linear	14	6/26/2022	Moderate	15	5	1.6	208	Intact	120	2.0	-0.00006	0.00004	-0.00009	-35.03	-58.11
D28-Sfus-B1	<i>Salpa fusiformis</i>	Linear	15	6/27/2022	Active	12	19	1.8	980	Intact	150	1.7	0.00035	0.00008	0.00027	192.01	148.73
D33-Sfus-B-2	<i>Salpa fusiformis</i>	Linear	20	9/11/2022	Moderate	27	11	5.5	208	Intact	180	1.8	-0.00104	0.00025	-0.00129	-188.46	-234.15
D53-Sfus-B-1	<i>Salpa fusiformis</i>	Linear	31	05/10/2023	Active	14	24	2.0	980	Paired	138	1.9	-0.00024	0.00009	-0.00034	-122.15	-168.65
D53-Sfus-B-1	<i>Salpa fusiformis</i>	Linear	31	05/10/2023	Active	14	24	2.0	980	Paired	122	0.6	0.00002	0.00008	-0.00007	8.81	-32.73
D29-Smax-B-1a	<i>Salpa maxima</i>	Linear	16	6/28/2022	Anesthetized	115	3	55.0	980	Anesthetized	120	2.2	-0.00268	0.00006	-0.00274	-48.70	-49.84
D37-Smax-B-1	<i>Salpa maxima</i>	Linear	22	9/13/2022	Anesthetized	70	1	7.0	208	Anesthetized	180	0.3	0.00099	0.00003	0.00096	141.67	137.02
D41-Smax-B-1	<i>Salpa maxima</i>	Linear	24	9/15/2022	Anesthetized	65	3	17.0	980	Anesthetized	270	0.5	-0.00264	0.00000	-0.00264	-155.19	-155.28
D45-Smax-B-1	<i>Salpa maxima</i>	Linear	27	05/06/2023	Anesthetized	47	9	18.0	980	Anesthetized	228	1.4	-0.00212	-0.00029	-0.00183	-117.64	-101.65
D31-Smax-B-2	<i>Salpa maxima</i>	Linear	18	6/30/2022	Moderate	80	3	20.0	980	Intact	180	3.0	-0.00422	-0.00003	-0.00420	-211.17	-209.75
D33-Smax-B-1	<i>Salpa maxima</i>	Linear	20	9/11/2022	Moderate	100	5	32.5	980	Intact	180	1.8	-0.01118	0.00025	-0.01143	-343.97	-351.70
D41-Smax-B-2	<i>Salpa maxima</i>	Linear	24	9/15/2022	Moderate	110	1	20.0	980	Intact	270	0.5	-0.00567	0.00000	-0.00568	-283.73	-283.81
D29-Smax-B-1b	<i>Salpa maxima</i>	Linear	16	6/28/2022	Active	115	4	53.0	980	Paired	120	2.2	-0.01375	0.00006	-0.01382	-259.48	-260.66
D29-Smax-B-1b	<i>Salpa maxima</i>	Linear	16	6/28/2022	Active	115	4	53.0	980	Paired	90	0.2	-0.00555	-0.00002	-0.00553	-104.78	-104.42
D37-Szon-B-1	<i>Soestia zonaria</i>	Linear	22	9/13/2022	Active	21	9	5.4	208	Intact	0	0.0	NA	NA	NA	NA	NA
D37-Szon-B-2	<i>Soestia zonaria</i>	Linear	22	9/13/2022	Active	21	9	5.4	208	Intact	0	0.0	NA	NA	NA	NA	NA
D37-Szon-B-3	<i>Soestia zonaria</i>	Linear	22	9/13/2022	Active	21	9	5.4	208	Intact	0	0.0	NA	NA	NA	NA	NA
D37-Szon-B-4	<i>Soestia zonaria</i>	Linear	22	9/13/2022	Active	21	9	5.4	208	Intact	0	0.0	NA	NA	NA	NA	NA
D37-Szon-B-5	<i>Soestia zonaria</i>	Linear	22	9/13/2022	Active	21	9	5.4	208	Intact	0	0.0	NA	NA	NA	NA	NA
D37																	

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