SAMPLE_ID	IMAGES_ASSOCIATED	YEAR	DATE_ISO8601	LONGITUDE	LATITUDE	SAMPLE_AREA	NEAR_SAMPLE_AREA	DIVE_SITE_ID	DIVE_SITE	Mytilus_edulis	Astyris_rosacea	Cotonopsis_lafresnayi	Costoanachis_avara	Astyris_lunata	Euspira_triseriata	Astarte_subaequilatera	Euspira_heros	Anomia_simplex	Amphipholis_squamata	Caprella_penantis
20170810-SD03-S-06	UCONN_IrfColCor_Osprey20170810_SD03_QUDSEA_019__PIC_0024; UCONN_IrfColCor_Osprey20170810_SD03_QUDSEA_020__PIC_0025; UCONN_IrfColCor_Osprey20170810_SD03_QUDSEA_022__PIC_0027; UCONN_IrfColCor_Osprey20170810_SD03_QUDSEA_023__PIC_0028	2017	20170810	-72.19246667	41.18833333	NA	SB52; SB53	SD03	North of Plum Island	0	0	0	366	1971	0	0	0	0	0	0
20170911-SD04-S-10	UCONN_IrfColCor_Osprey20170911_SD04_QUDSEA_015__PIC_0030; UCONN_IrfColCor_Osprey20170911_SD04_QUDSEA_016__PIC_0031; UCONN_IrfColCor_Osprey20170911_SD04_QUDSEA_017__PIC_0032; UCONN_IrfColCor_Osprey20170911_SD04_QUDSEA_018__PIC_0033; UCONN_IrfColCor_Osprey20170911_SD04_QUDSEA_019_	2017	20170911	-71.97508333	41.30605	SB70	NA	SD04	Ram Island Reef	present	0	2	263	459	13	0	0	0	17	0
20170918-SD05-S-05	UCONN_IrfColCor_Osprey20170918_SD05_QUDSEA_003__PIC_0003; UCONN_IrfColCor_Osprey20170918_SD05_QUDSEA_004__PIC_0004	2017	20170918	-72.19725	41.30628333	NA	NB31	SD05	Three Foot Rock	0	0	present	400	784	0	0	present	0	0	0
20170925-SD07-S-07	UCONN_IrfColCor_Osprey20170925_SD07_QUDSEA_008__PIC_0094; UCONN_IrfColCor_Osprey20170925_SD07_QUDSEA_009__PIC_0095; UCONN_IrfColCor_Osprey20170925_SD07_QUDSEA_010__PIC_0096; UCONN_IrfColCor_Osprey20170925_SD07_QUDSEA_011__PIC_0097	2017	20170925	-72.15525	41.297	NA	SB55	SD07	Two Tree Island	0	0	0	184	193	0	0	0	0	0	0
20170927-SD08-S-08	UCONN_IrfColCor_Osprey20170927_SD08_QUDSEA_019__PIC_0021; UCONN_IrfColCor_Osprey20170927_SD08_QUDSEA_020__PIC_0022	2017	20170927	-72.04155556	41.28519444	SB67	NA	SD08	Northwest of North Hill Point	0	0	0	131	124	0	0	0	0	0	0
20171002-SD09-S-02	UCONN_IrfColCor_Osprey20171002_SD09_QUDSEA_020__PIC_0022; UCONN_IrfColCor_Osprey20171002_SD09_QUDSEA_021__PIC_0023; UCONN_IrfColCor_Osprey20171002_SD09_QUDSEA_022__PIC_0024	2017	20171002	-72.13741667	41.29638889	NA	SB55	SD09	South of Seaside Point	0	0	0	57	312	0	0	0	0	0	0
20171002-SD09-S-10	UCONN_IrfColCor_Osprey20171002_SD09_QUDSEA_023__PIC_0025; UCONN_IrfColCor_Osprey20171002_SD09_QUDSEA_024__PIC_0026	2017	20171002	-72.13741667	41.29638889	NA	SB55	SD09	South of Seaside Point	0	0	present	0	present	0	0	0	0	0	0
20171018-SD11-S-05	UCONN_IrfColCor_Zostera20171018_SD11_QUDSEA_026__PIC_0026; UCONN_IrfColCor_Zostera20171018_SD11_QUDSEA_027__PIC_0027; UCONN_IrfColCor_Zostera20171018_SD11_QUDSEA_028__PIC_0028	2017	20171018	-71.9261	41.305	NB65	NA	SD11	Latimer Reef	1726	0	0	112	126	0	0	0	0	0	0
20171101-SD10-S-04	UCONN_IrfColCor_Osprey20171101_SD10_QUDSEA_003__PIC_0003	2017	20171101	-71.955867	41.31505	SB71	NA	SD10	Ellis Reef	0	present	present	present	present	0	0	0	present	0	present
20180612-SD10-S-08	UCONN_IrfColCor_Osprey20180612_SD10_QUDSEA_014__PIC_0018; UCONN_IrfColCor_Osprey20180612_SD10_QUDSEA_015__PIC_0019; UCONN_IrfColCor_Osprey20180612_SD10_QUDSEA_016__PIC_0020; UCONN_IrfColCor_Osprey20180612_SD10_QUDSEA_017__PIC_0021	2018	20180612	-71.95563889	41.31511111	SB71	NA	SD10	Ellis Reef	present	present	present	0	present	present	0	0	0	present	0
20180615-SD11-S-06	UCONN_IrfColCor_Zostera20180615_SD11_QUDSEA_0022__PIC_0022; UCONN_IrfColCor_Zostera20180615_SD11_QUDSEA_0023__PIC_0023; UCONN_IrfColCor_Zostera20180615_SD11_QUDSEA_0024__PIC_0024; UCONN_IrfColCor_Zostera20180615_SD11_QUDSEA_0025__PIC_0025	2018	20180615	-71.925429	41.304928	NB65	NA	SD11	Latimer Reef	16775	2	81	1	93	270	1	2	8	14	25
20180716-SD03-S-04	UCONN_IrfColCor_Osprey20180716_SD03_QUDSEA_0015__PIC_0015; UCONN_IrfColCor_Osprey20180716_SD03_QUDSEA_0016__PIC_0016	2018	20180716	-72.193965	41.190029	NA	SB52; SB53	SD03	North of Plum Island	present	present	present	present	present	present	0	0	0	0	present
20180817-SD01-S-09	UCONN_IrfColCor_Zostera20180817_SD01_QUDSEA_0014__PIC_0014; UCONN_IrfColCor_Zostera20180817_SD01_QUDSEA_0015__PIC_0015; UCONN_IrfColCor_Zostera20180817_SD01_QUDSEA_0016__PIC_0016; UCONN_IrfColCor_Zostera20180817_SD01_QUDSEA_0017__PIC_0017	2018	20180817	-72.06764	41.306573	NA	SB55	SD09	Black Ledge	present	present	present	0	present	0	0	0	present	0	present

Aeginina_longicornis	Hemigrapsus_sanguineus	Idotea_balthica_	Corophiidae	Hyalidae	Aoridae	Ampeliscidae	Cyathura_polita	Stenothoidae	Talitridae	Oedicerotidae	Chirona_hameri	Balanus_balanus	Semibalanus_balanoides	Pycnogonida	Leucosolenia__botryoides	Sycon_ciliatum	Diadumene_leucolena	Styela_canopus	Phascolion_strombus	Lepidonotus_squamatus	Nephtys_ciliata	Hydroides_dianthus	Eunicidae	Polychaeta	Electra_monostachys	Littorina_littorea	Einhornia_crustulenta	Electra_pilosa	Cellepore_hyalina	Cryptosula_pallasiana	Hippothoa_sp	Caprella_linearis	Paracaprella_tenuis
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	present	0	0	0	0	0	0	0	0	0	0	0
0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	present	0	2	9	1	0	present	0	3	0	0	0	0	present	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	present	0	0	0	0	0	0	0	0	present	0	0	0	0	0	0	0	0	0	0	0
0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	present	0	0	0	present	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	present	0	0	0	0	0	0	0	0	0	0	0
0	0	0	present	0	present	0	0	0	0	0	0	present	0	0	0	0	present	0	present	0	0	present	0	0	0	0	0	0	present	0	0	0	0
0	0	0	6	0	0	0	0	0	0	0	0	0	0	4	0	0	53	0	0	26	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	present	0	present	0	0	present	present	0	present	0	0	0	0	0	0	present	0	0	0	0
0	0	0	present	0	present	0	0	0	0	0	0	present	present	0	0	present	present	present	present	present	0	present	0	0	0	present	0	present	present	0	0	present	0
397	2	10	192	6	78	3	1	30	5	1	17	97	30	1	18	present	13	1	9	37	4	63	2	present	present	473	present	present	present	present	present	214	643
0	0	0	present	present	present	0	0	0	0	0	0	present	present	0	0	0	present	present	present	present	0	present	0	0	0	0	0	0	present	present	0	present	present
0	0	0	present	0	present	0	0	0	0	0	0	present	0	0	0	present	present	present	present	present	0	present	0	0	present	present	present	present	present	present	0	present	0

Caprellidae	Dyspanopeus_sayi	Erichsonella_filiformis	Idotea_phosphorea	Oncaeidae	Amphipoda	Bateidae	Idunella_clymenellae	Melitidae	Unciolidae	Gammarellidae	Anadara_transversa	Myxilla_incrustans	Colus_pygmaeus	Lacuna_vincta	Parvicardium_pinnulatum	Pelia_mutica	Amphibalanus_improvisus	Calliopiidae	Liljeborgiidae	Mysida	Panopeus_herbstii	Pagurus_pubescens	Chondrus_crispus	Saccharina_latissima	Chorda_filum	Desmarestia_viridis	Laminaria_digitata	Rhodomela_confervoides	Phyllophora_pseudoceranoides	Champia_parvula	Fucus_distichus	Ahnfeltia_plicata	Bugulina_simplex
0	0	48	0	0	0	0	0	0	0	0	132	0	0	241	0	0	0	0	0	0	17	0	present	present	0	0	0	0	0	0	0	0	present
0	0	28	0	0	0	0	0	0	0	1	7	0	0	66	0	3	0	0	0	0	5	7	present	present	0	0	0	0	0	0	0	0	present
0	0	present	0	0	0	0	0	present	0	present	0	0	0	9	0	13	0	0	0	0	19	22	present	0	0	0	0	0	0	0	0	0	present
0	0	6	0	0	0	0	0	0	0	0	4	0	0	1	0	0	0	0	0	0	3	0	present	0	0	0	0	0	0	0	0	0	present
0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
0	present	0	0	0	0	0	0	0	0	present	0	0	present	0	0	present	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	10	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	8	0	present	0	0	0	0	0	0	0	0	0	0
0	0	present	present	0	0	0	0	0	0	0	present	0	0	present	0	present	0	0	0	0	present	present	0	0	0	0	0	0	0	0	0	0	0
0	0	present	present	0	0	0	0	0	present	present	0	0	0	0	0	0	0	0	0	present	present	present	present	0	present	present	0	0	0	0	0	present	present
517	1	5	6	269	122	22	16	35	15	14	4	6	2	1	1	present	present	present	present	present	present	present	present	present	present	present	present	present	present	present	present	present	present
0	0	present	present	0	0	0	0	0	present	present	0	0	0	0	0	present	0	0	present	0	present	0	0	0	0	0	0	0	0	0	0	0	0
0	present	present	present	0	0	0	0	0	present	present	0	present	0	0	0	present	0	0	present	0	present	present	0	0	0	0	0	0	0	0	present	present	0

Plyaiella_littoralis	Doto_coronata	Siliqua_costata	Solen_viridis	Tritia_trivittata	Asterias_forbesi	Turbonilla_sp	Hydrallmania_falcata	Sertularia_argentea	Sertularella_polyzonias	Suberites_ficus	Metridium_senile	Subphylum_Hexapoda	Hyas_araneus	Cliona_celata	Harmothoe_imbricata	Marshallora_nigrocincta	Urosalpinx_cinerea	Seila_adamsii	Edwardsiella_lineata	Schizoporella_unicornis	Amphiblestrum_auritum_	Gammaridae	Crepidula_fornicata	Parapionosyllis_longicirrata	Apohyale_prevostii	Crangon_septemspinosa	Lembos_websteri	Mysella_planulata	Mulinia_lateralis	Codium_fragile	Chordaria_flagelliformis	Aeverrillia_sp	Tubularia_sp
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	13	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	31	1	present	1	5	2	10	present	present	present	present
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	present	0	0	2	0	0	0	0	0	1	0	0	0	1	0	0	present	present	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	present	0	0	0	present	present	present	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	0	0	0	0	0	0
0	0	0	0	0	0	0	0	present	0	0	0	0	0	present	0	0	present	0	0	0	0	0	present	0	0	0	0	0	present	0	0	0	0
0	present	present	present	present	present	present	present	present	present	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
present	0	0	0	0	present	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	present	0	0	present	0	present	present	present	present	present	present	present	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	present	0	0	0	0	present	0	0	present	present	present	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Libinia_sp	Rhithropanopeus_harrisii_	Microporella_ciliata	Marphysa_sp	Boreotrophon_truncatus	Euprognatha_rastellifera	Orbiniidae	Arbacia_punctulata	Pholis_sp	Alitta_succinea	Lumbrineris_sp	Alitta_virens	Ampithoidae	Cladophora_glomerata	Ulva_linza	Astrangia_poculata	Amphioplus_abditus
32	0	0	0	0	0	0	0	1	1	1	1	3	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	present	0	0
0	0	0	0	0	0	0	0	0	0	0	0	present	0	0	0	0
11	1	present	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	1	7	15	1	1	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	present	0	0	present	present
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	present	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	present	present	0	0