

DATA SHEET

Site: pamphreaseTransect: 2Date: 8.7.15Observer: Ted Mawley

Depth (m) at 0m:	5.5 m	Depth (m) at 40m:	5.5 m	Visibility (m):	5
Inshore	Substrate	Offshore	Substrate		
—	S	PAPA, LIGL	BM		
SL, MEMA	BS	PAPA, PHSP	C		
LIGL	C	LIGL	BS		
—	S	PTSE	C		
RAT	C	RAT	C		
—	S	UV	C		
UV	P	DIAT	P		
UV	BS	DIAT	BS		
PAPA	C	PAPA	C		
BUTU	C	POLS	P		
LS, MEMA	C	PAPA	C		
—	P	PAPA	C		
CHCS	BM	SL MEMA	C		
HIRU	C	PHSP	P		
PAPA	BM	PAPA	C		
CLSP	C	—	P		
UV	C	LIGL	BM		
CLSP	C	LIGL, PAPA	BS		
BUTU	C	LIGL	C		
—	P	—	C		
—	C	—	P		
PAPA	BS	PAPA	C		
PAPA, MEMA	C	—	C		
PAPA	BS	PAPA	BS		
LIGL, PAPA	C	—	C		
CLSP	C	—	C		
—	C	CHCR	C		
MAST	BS	CHCR	BM		
PAPA	BS	SL, MEMA	C		
PAPA	BS	BUTU	C		
MAST	BS	PAPA	C		
SL, PAPA, MEMA	BS	LIGL	BM		
SL, MEMA	BS	RAT	BS		
PAPA	C	CLSP	C		
HAPA	BL	PAPA, MEMA	BL		
DIAT	C	PAPA	BS		
PAPA	C	DEAC	C		
HATD	C	SL, PAPA, MEMA	C		
PAPA	P	PAPA	C		
PTSE	C	PAPA	C		

Hydroids

ABAB Aethyridia abietina (coarse corticated)
 ECSP Ectopleura sp.
 OBSP Obelia sp. (delicate)
 SESP Seriatula sp. (bushy corticated)
 UH Unidentified Hydroid spp.

Molluscs

ISAL Isachthon albus (white chiton)
 ISRU Isachthon ruber (red chiton)
 MOMO Modiolus modiolus (burnt)
 MYED Mytilus edulis
 TETE Tectura testudinalis (limpet)
 SE Serpulid (worm-like)

Other

SABW Sabellid worm (feather cluster)
 ATM Amphipod tube mat
 OPAC Amphipod aculeata (bristled)
 BA Barnacle sp.
 Grass
 bytrea

Anemones

CEBO Ceratopus borealis (buried)
 DLU Didemnum lineata (orange lined)
 MESE Meridium senile (fine filii)
 UNAN Unidentified Anemone
 URFE Urticina (bands)
 FAUL Fagisia lineata (tiny white)

Data entry by: _____

Date entered: _____

Checked by: _____

Date checked: _____

Substrate

P Pebbles (<5cm)
 C Cobble (<25cm)
 BS Boulder (25-50cm)
 BM Boulder (50-100cm)
 BL Boulder (>100cm)
 S Sand (>1cm)

Green Algae

COF Codium fragile (fingers)
 FG Filamentous Green (fine hairs)
 UV Blad Uvoid (ulva & enteromorpha)
 TUV Tubular Uvoid (ulva & enteromorpha)

Erect Red Algae

BOHA Bonnemaisonia hamifera (hooks)
 CRSP Ceramium spp. (fingers, corticated)
 CHCR Chondrus crispus
 CYPH Cystoclonium purpureum (bristly)
 DUCO Dumontia contorta (flat cylinders)
 EUCR Euthoria cristata (flat branching blades, hairy)
 HU Heterosiphonia japonica (tough, lumpy, solid midrib)
 MAST Mastocarpus stellatus (channeled blades papillate)
 PAPA Pamaria palmata (hand-like blades)
 PHRU Phycodrys rubens (oak leaves)
 POLS Polysiphonia sp. (variable lumpy)
 PORO Porosira rotundus (regular thick branches)
 PORS Porphyra spp. (thin sheet)
 PTSE Pilayella littoralis (branches w/ branchlets)
 RAT Red Algal Turf (thin UNID mat many spp.)
 SPRE Spermothamnion repens (bushy lumps, epiphytic)
 CO Corallina officinalis (erect coralline)
 URB Unidentified Red Blade
 UFR Unidentified Filamentous Red

Brown Algae

AGCL Agardum clathratum (shotgun)
 ALES Alaria esculenta (mush)
 ARVI Arthrocladia villosa (branching, tubular, hairy)
 ASDI Ascophyllum nodosum
 BLD Und. Laminariales Blade
 CHEI Chorda filum (long smooth rope)
 COPE Colpomenia peregrina (sea potato)
 DEAC Desmarestia aculeata (coarse, alternating branches)
 DEVI Desmarestia viridis (fine, opposite branches)
 DIAT Diatom Tube Mat
 HATO Halosiphonia tomentosus (long and furry)
 LAOI Lamaria digitata (hand-like)
 LEMA Leathesia marina (stiffer, brain-like)
 SADE Sacccharina dendroidea (oar-like, scuzzy)
 SL Sacccharina latissima (lassagna blade)
 SAJO Sacccharina longicurs (very long & hollow stipe)
 FUSP Fucus sp.

Brown Algae

AGCL Agardum clathratum (shotgun)
 ALES Alaria esculenta (mush)
 ARVI Arthrocladia villosa (branching, tubular, hairy)
 ASDI Ascophyllum nodosum
 BLD Und. Laminariales Blade
 CHEI Chorda filum (long smooth rope)
 COPE Colpomenia peregrina (sea potato)
 DEAC Desmarestia aculeata (coarse, alternating branches)
 DEVI Desmarestia viridis (fine, opposite branches)
 DIAT Diatom Tube Mat
 HATO Halosiphonia tomentosus (long and furry)
 LAOI Lamaria digitata (hand-like)
 LEMA Leathesia marina (stiffer, brain-like)
 SADE Sacccharina dendroidea (oar-like, scuzzy)
 SL Sacccharina latissima (lassagna blade)
 SAJO Sacccharina longicurs (very long & hollow stipe)
 FUSP Fucus sp.

Bryozoans

BUSP Bugula sp.
 BUTU Bugula turrita (xmas tree)
 BUNE Bugula neritina (purple)
 CREB Cristea eburnea (fuzzy, fine)
 DEMU Dendrobia murayana (leafy)
 ELPI Electra pilosa
 LIVE Lichenopora verrucaria (thick in middle, white)
 MEMA Membranopora membranacea (lacy epizoidic)
 SCUN Schizoporella unicornis (bumpy, orange & white, round zooids)
 SCAL Schizomavella auriculata (bumpy, solid orange, round zooids)
 TRIN Tricellaria inopina (crunchy, abortscent)
 UAB Unidentified Aborescent Bryozoans

Sponges

ES Encrusting Sponge
 CLSP Cliona sp. (large osculum)
 HADU Halysarca diadema (slimy sheet)
 HAOC Haliciona oculata (few fingers)
 HAPA Halicionia panicea (crumbs)
 HYPH Hymedesmia sp. (blue)
 ISPA Isodictya palmata (palmate)
 LEUC Leucosolenia sp. (many small vessels)
 MPR Microciona prolifera (red, fingerbeard)
 SCSP Scypha sp. (little vases)

Tunicates

APPA Apudium pallidum
 ASAS Ascidia aspersa
 BOEC Botellina echinata
 BOSB Botryllus schlosseri (fists)
 BOVI Boryllus violaceus
 CINI Ciona intestinalis
 CISA Ciona savayana
 DECA Dendrodoa carnea (small pink)
 DIAL Didemnum album

DIP Diplosoma listerianum

DNE Didemnum vexillum

HAPP Halycrethia pyramis

STCL Styela clava

UT Und. Colonial tunicate

MOMA Moiquia mantidensis

MOCI Moiquia citra

BOOV Botellina ovata