

## DATA SHEET

Date scanned: \_\_\_\_\_

Site: penca gadi Transect: 2 Date: 7/12/16 Observer: KS

Depth (m) at 0m:	Inshore	Substrate	Offshore	Substrate	Visibility (m):
1	DIVE CO, CLCI	B	BOVI, CO, CO	BL	
2	DIVE, CHCR, CO	BL	DIVE, LIGL, PORS	BS	
3	BOVI, FG CO	BS	3 BOVI, CHCR, CO	BL	
4	DIVE, PORS, CO	BL	BOVI, CHCR, CO	SH	
5	BOVI, PORS, CO	BL	BOVI, CHCR, CO	BL	
6	BOVI, BOVI, LIGL	BL	CO, CHCR, DIVE	BL	
7	DIVE, CHCR	SH	CO, CO, CO	BS	
8	CO, CHCR	BS	BOVI, CHCR	BL	
9	PORS, CO, LIGL		BOVI, DIVE, CO	BS	
10	PORS, CO, LIGL		DIVE, DIVE, PORS, FG	BS	
11	CRSP, CHCR, CLCI	BL	FG, DIVE, CO, BL	BL	
12	DIVE, CHCR, FG	BS	CRSP, PORS, CO	BL	
13	PORS, LIGL		LIGL, CO	BL	
14	CRSP, CHCR, LIGL	BL	CHCR, BOVI, BOVI	BL	
15	DIVE, CRSP, LIGL	BL	CO, CO	BL	
16	CRSP, CLCI, SH	SH	PORS, CO, CO	BL	
17	DIVE, PORS, CO	SH	CRSP, LIGL, CO	BL	
18	BOVI, CHCR, CO	BL	BOVI, DIVE, CHCR, CO	BL	
19	BOVI, LIGL, CO	BL	CO, CHCR, DIVE, FG	BL	
20	PORS, BOVI, CO	BL	CRSP, HS, CO, CO	BS	
21	DIVE, BOVI, CO	BL	CHCR, FG, SL	SH	
22	FG, CLCI, CO	BL	SL, CO, CO, CLCI	BL	
23	CHCR, CO	BS	BOVI, CO	BL	
24	BOVI, CO, BOVI	BL	FG, CHCR, CO	BS	
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## Substrate

P Pebbles (<5cm)  
 B Bedrock  
 CS Cobble (<25cm)  
 BS Boulder (25-50cm)  
 BM Boulder (50-100cm)  
 BL Boulder (>100cm)

## Green Algae

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

## Erect Red Algae

BOHA Bonnemasonia hamifera (hooks)  
 CRSP Ceramium spp. (prices, coriaceous)  
 CHCR Chondrus crispus  
 CYPD Cystodinium purpureum (bristly)  
 DUCO Dumontia contorta (flat cylinders)  
 EUCR Euthora cristata (flat branching blades, lacy)  
 HJ Heterosiphonia japonica (bright, luffy, solid midrib)  
 MAST Mastocarpus stellatus (channeled blades papillate)  
 PAPA Palmaria palmata (hard-like blades)  
 PHRU Phycodrys rubens (oak leaves)  
 POLS Polysiphonia sp. (variable fluffy)  
 PORS Polydes rotundus (regular thick branches)  
 PORS Porphyra spp. (thin sheet)  
 PTSE Ptilota serrata (branches w/ branchlets)  
 RAT Red Algal Turf (thin UND mat many spp.)  
 SPRE Spermothamnion repens (bushy tufts, epiphytic)  
 CO Corallina officinalis (erect coralline)  
 URB Unidentified Red Blade  
 UFR Unidentified Filamentous Red  
 AHPL Ahrfelia plicata

## Encrusting Red Algae (smooth to bumpy)

HIRU Hildenbrandia rubra (not calcified crust)  
 CLCI Cladomorphum circumscriptum (smooth and thick)  
 LISP Lithothamnion sp. (smooth, chalky)  
 LESP Leptophyllum spp. (smooth, very thin, no band, pores)  
 PHSP Phymatolithion spp. (rough surface, white swirls, conceptacles)  
 LIGL Lithothamnion glaciale (bumpy)  
 EC Unidentified Encrusting coralline  
 UENC Unidentified Encrusting Non-Coralline

## Brown Algae

AGCL Agarum clathratum (stodgon)  
 ALES Alaria esculenta (midrib)  
 ARVI Arthrocladia villosa (branching, tubular, hairs)  
 ASDI Ascophyllum nodosum  
 BLD Und Laminariales Blade  
 CHFI Chorda filum (long smooth rope)  
 COPE Coelomena peregrina (sea potato)  
 DEAC Desmarestia aculeata (coarse, alternating branches)  
 DEVI Desmarestia viridis (fine, opposite branches)  
 DIAT Diatom Tube Mat  
 HATO Halosiphon tomentosus (long and furry)  
 LADI Laminaria digitata (hand-like)  
 LEMA Leathesia marina (stiffer, brain-like)  
 SADE Saccharozoa dermatodea (oak-like, scuzzy)  
 SL Saccharina latissima (lassagne blade)  
 SALO Saccharina longicurs (very long & hollow stipe)  
 FUSP Fucus sp.

## Bryozoans

BUSP Bugula sp.  
 BUTU Bugula turrita (xmas tree)  
 BUNE Bugula neritina (purple)  
 CREB Crisia eburnea (fuzzy, fine)  
 CAEL Cabera elisi (chondrus bryozoan)  
 DEMU Dendroboana murrayana (leafy)  
 ELPI Electra pilosa  
 LIVE Licheropora verrucaria (thick in middle, white)  
 MEMA Membranopora membranacea (lacy epizootic)  
 SCUN Schizoporella unicornis (bumpy, orange & white, round zooids)  
 SCAU Schizoporella auriculata (bumpy, solid orange, round zooids)  
 TRIN Triclerella inipinata (crunchy arborescent)  
 UAB Unidentified Arborescent Bryozoans

## Sponges

ES Encrusting Sponge  
 CLSP Cliona sp. (large osculum)  
 HAOU Halsarcia dujardini (slimy sheet)  
 HAOC Halobona oculata (few fingers)  
 HAPA Halichondria panicea (crumbly)  
 HYSP Hymedesmia sp. (blue)  
 ISPA Isodictya palmata (palmate)  
 LEUC Leucosolenia sp. (many small vases)  
 MIPR Microciona prolifera (red, fingerbeard)  
 SCSP Scypha sp. (little vases)

## Tunicates

APPA Apidium pallidum  
 ASAS Ascidella aspersa  
 BOEC Botellina echinata  
 BOSC Botryllus schlosseri (stars)  
 BOVI Botryllodes violaceus  
 CIN Clona intestinalis  
 CISA Clona savingii  
 DECA Dendrodoa carnea (small pink)  
 DIAL Didemnum albidum

## Hydroids

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

## Molluscs

ISAL Isachiton albus (white chiton)  
 ISRU Isachiton ruber (red chiton)  
 MOMO Modiolus modiolus (blunt)  
 MYED Mytilus edulis  
 TETE Tectura testudinalis (limpet)  
 SE Serpulorhis (worm-tube)  
 ANSP Anomia sp. (Jingle Shell)  
 OSED Ostrea edulis

## Other

SABW Sabellid worm (feather duster)  
 ATMW Amphipod tube mat  
 OPAC Ophiopholis aculeata (brittle star)  
 BA Barnacle sp.  
 HASP Haloystis sp. (stalked jelly)  
 ZOMA Zostera

## Anemones

CEBO Ceranthus borealis (buried)  
 DILI Didemnum lineata (orange lined)  
 MESE Metridium senile (fine filly)  
 UNAN Unidentified Anemone  
 URFE Urticina felina (bands)  
 FALI Fagesia lineata (tiny white)

Data entry by: \_\_\_\_\_

Date entered: \_\_\_\_\_

Checked by: \_\_\_\_\_

Date checked: \_\_\_\_\_