

Location:	Transect code & no.:	Researchers:	Sampling date and time: e.g., 18 Jan 2007 1500 hrs.
State/Country:	Station (circle one): A. Nearshore, B. Middle, C. Offshore	Comments:	

PARAMETERS	Example	Cross-transect 0-25 m						Cross-transect 26-50 m					
		1	2	3	4	5	6	7	8	9	10	11	12
Quadrat Measures at pre-selected random distances	Quadrat 2	Quadrat	Quadrat	Quadrat	Quadrat	Quadrat	Quadrat	Quadrat	Quadrat	Quadrat	Quadrat	Quadrat	Quadrat
Photograph (1 per quadrat)	√												
Voucher Specimen (1 of each species/Station)	√												
All Species Total % Cover	60												
Species =Zj % Cover	40												
Species = % Cover													
Species = % Cover													
Species = % Cover													
Species =Zm % Cover   Density <small>Zm density per 25x25 cm quadrat</small>	20   32												
Canopy Height (cm) Grazing Evidence? (y/n)	20 y												
Flower/Fruit Count by species	4 Tt 6 Sf												
Leaf Biomass Core Size (m <sup>2</sup> )	√ 0.0035												

	Pre-selected Random Distances for 0-25m						Pre-selected Random Distances for 26-50m					
A. Nearshore	2	7	8	16	18	25	26	33	38	40	44	46
B. Middle	9	10	15	17	22	25	28	31	35	37	39	45
C. Offshore	5	7	10	18	19	22	26	34	35	38	43	44

Cross-transect Measures

GPS: Latitude		Dist. to edge (m)	Left (0m)	Center (25m)	Right (50m)
Dist. to edge (m)	8.6				
Longitude	11.2				
Water Depth (m) at time (hrs)	2.35 @ 1524	at		at	at
Surface sediment observation / sample	fine-sand / yes				

Station Measures

North Pacific species

Light -- Hobo (day in - day out)	6Jan - 30Jan		Hd - <i>Halophila decipiens</i>	Pj - <i>Phyllospadix japonicus</i>	Rm - <i>Ruppia maritima</i>	Zm - <i>Zostera marina</i>
Water temp. logger (day out)	30Jan		Ho - <i>Halophila ovalis</i>	Pr - <i>Phyllospadix serrulatus</i>	Za - <i>Zostera asiatica</i>	Zs - <i>Zostera caespitosa</i>
Salinity (ppt)	25.8		Hw - <i>Halodule wrightii</i>	Ps - <i>Phyllospadix scouleri</i>	Zj - <i>Zostera japonica</i>	Un - Unknown
Tidal Stage (high or low / spring or neap)	low spring		Pi - <i>Phyllospadix iwatensis</i>	Pt - <i>Phyllospadix torreyi</i>	Zl - <i>Zostera caulescens</i>	