

Table 1 Frequency of Macroalgae species based on Line Transect and Quadrata survey on the shore platform, Dwarka

Sections	Months	Quadrata-1 (Q-1)	Quadrata-2 (Q-2)	Quadrata-3 (Q-3)	Quadrata-4 (Q-4)	Quadrata-5 (Q-5)	Quadrata-6 (Q-6)	
	<i>Quadrata distance</i>	<i>0m (Q-1)</i>	<i>18m (Q-2)</i>	<i>24m (Sea)</i>				
		Name of Sp. (Frequency)	Name of Sp. (Frequency)	Name of Sp. (Frequency)	Name of Sp. (Frequency)	Name of Sp. (Frequency)	Name of Sp. (Frequency)	
Northern Section	April	<i>Caulerpa sertularioides</i> (8 %)	<i>Caulerpa racemosa</i> (8%)					
		<i>Ulva fasciata</i> (7%)	<i>Caulerpa sertularioides</i> (2%)					
		<i>Udotea indica</i> (6%)	<i>Udotea indica</i> (0.5%)					
		<i>Cystoseira indica</i> (43%)	<i>Padina boryana</i> (3%)					
		<i>Sargassum sp.</i> (4%)	<i>Iyengaria stellata</i> (0.25%)					
		<i>Centroceras clavulatum</i> (10%)	<i>Centroceras clavulatum</i> (22%)					
		<i>Hypnea pannosa</i> (3%)	<i>Gelidiella acerosa</i> (7%)					
		<i>Quadrata distance</i>	<i>4m (Q-1)</i>	<i>15m (Q-2)</i>	<i>26.6m (Q-3)</i>	<i>60.6m (Q-4)</i>	<i>71.3m (Q-5)</i>	
		June	<i>Udotea indica</i> (18%)	<i>Ahnfeltia plicata</i> (67%)	<i>Ahnfeltia plicata</i> (77%)	<i>Halimeda sp.</i> (29%)	<i>Halimeda sp.</i> (12%)	
			<i>Ahnfeltia plicata</i> (24%)					
October	<i>Quadrata distance</i>	<i>0m (Q-1)</i>	<i>38.8m (Q-2)</i>	<i>53.8m (Q-3)</i>	<i>67.8m (Sea)</i>			
		<i>Ulva lactuca</i> (7%)	<i>Ulva lactuca</i> (14%)	<i>Ulva lactuca</i> (45%)				
		<i>Gracilaria corticata</i> (31%)	<i>Gelidiella acerosa</i> (58%)	<i>Centroceras clavulatum</i> (55%)				
		<i>Centroceras clavulatum</i> (26%)						
		<i>Laurencia papillosa</i> (25%)						
Central Section	<i>Quadrata distance</i>	<i>6m (Q-1)</i>	<i>12m (Q-2)</i>	<i>18m (Q-3)</i>	<i>27m (Q-4)</i>			
	April	<i>Udotea indica</i> (9%)	<i>Ulva fasciata</i> (13%)	<i>Caulerpa racemosa</i> (4%)	<i>Caulerpa racemosa</i> (40%)			
		<i>Cystoseira indica</i> (14%)	<i>Centroceras clavulatum</i> (87%)	<i>Cystoseira indica</i> (81%)	<i>Cystoseira indica</i> (53%)			
		<i>Centroceras clavulatum</i> (14%)			<i>Padina tetrastromatica</i> (7%)			

Continued Table 1

Sections	Month	Quadrat-1	Quadrat-2	Quadrat-3	Quadrat-4	Quadrat-5	Quadrat-6
		Name of Sp. (Frequency)	Name of Sp. (Frequency)	Name of Sp. (Frequency)	Name of Sp. (Frequency)	Name of Sp. (Frequency)	Name of Sp. (Frequency)
	<i>Quadrat distance</i>	<i>0m (Q-1)</i>	<i>8m (Q-2)</i>	<i>16.8m (Q-3)</i>	<i>31.8m (Q-4)</i>	<i>59.8m (Q-5)</i>	
	June	<i>Boodlea composita</i> (27%)	<i>Boodlea composita</i> (55%)	<i>Caulerpa racemosa</i> (78%)	<i>Caulerpa racemosa</i> (22%)	<i>Boodlea composita</i> (19%)	
		<i>Sargassum sp.</i> (13%)	<i>Centroceras clavulatum</i> (45%)	<i>Sargassum cinctum</i> (13%)	<i>Boodlea composita</i> (11%)	<i>Caulerpa sertularioides</i> (14%)	
		<i>Centroceras clavulatum</i> (40%)		<i>Gelidiella acerosa</i> (9%)	<i>Sargassum cinctum</i> (16%)	<i>Halimeda sp.</i> (8%)	
		<i>Gelidiella acerosa</i> (20%)			<i>Gelidiella acerosa</i> (11%)	<i>Caulerpa racemosa</i> (7%)	
						<i>Sargassum cinctum</i> (20%)	
						<i>Gelidiella acerosa</i> (32%)	
	<i>Quadrat distance</i>	<i>0m (Q-1)</i>	<i>7m (Q-2)</i>	<i>20.4m (Q-3)</i>	<i>57.4m (Q-4)</i>	<i>95.6m (Q-5)</i>	
	October	<i>Ulva lactuca</i> (32%)	<i>Ulva lactuca</i> (30%)	<i>Caulerpa sertularioides</i> (12%)	<i>Valoniopsis pachynema</i> (20%)	<i>Valoniopsis pachynema</i> (50%)	
		<i>Valoniopsis pachynema</i> (20%)	<i>Valoniopsis pachynema</i> (40%)	<i>Ulva lactuca</i> (8%)	<i>Halimeda sp.</i> (10%)	<i>Halimeda tune</i> (4%)	
		<i>Hypnea spinella</i> (34%)	<i>Boodlea composita</i> (1%)	<i>Valonia aegogropila</i> (1%)	<i>Caulerpa sertularioides</i> (7%)	<i>Sargassum cinctum</i> (21%)	
		<i>Gelidiella acerosa</i> (14%)	<i>Centroceras clavulatum</i> (29%)	<i>Padina tetrastrumatica</i> (1%)	<i>Bryopsis plumosa</i> (3%)	<i>Stoechospermum marginatum</i> (4%)	
				<i>Gelidiella acerosa</i> (78%)	<i>Sargassum cinctum</i> (28%)	<i>Padina boergesenii</i> (4%)	
					<i>Stoechospermum marginatum</i> (5%)	<i>Lobophora variegata</i> (0.5)	
					<i>Padina boergesenii</i> (2%)	<i>Gelidiella acerosa</i> (10%)	
					<i>Gelidiella acerosa</i> (25%)	<i>Amphiroa anceps</i> (5%)	
						<i>Corallina berteroi</i> (1.5%)	

Note: Colour used in this table indicate different phyla of macroalgae: Green colour=Chlorophyta, Brown colour= Ochrophyta and Red Colour=Rhodophyta