

Table 1 Aboveground biomass (AGB; g/m²) for each species.

<i>Salicornia</i>	<i>S. anglica</i>	<i>S. maritima</i>	<i>Limonium</i>	<i>Juncus</i>	<i>Sarcocornia</i>	<i>Inula</i>
152	481	332	299	2009	1280	1496
144	365	388	357	1184	739	589
237	315	189	298	1176	1520	191
221	297	957	545	1449	2920	1622
177	312	401	395	2755	1741	2300
70	413	298	464	3303	1181	1641
848	951		589			
448	819		529			
343	729		528			
			442			
			495			
			450			

Table 2 Belowground biomass (BGB; g/m²) for each species.

<i>Salicornia</i>	<i>S. anglica</i>	<i>S. maritima</i>	<i>Limonium</i>	<i>Juncus</i>	<i>Sarcocornia</i>	<i>Inula</i>
**	1715*	5471	2897**	8734	4832	4606
1838*	1317*	4633	2688**	4536	5214	3840
615**	1836	4363	3999**	3084	7633	2638*
1544	1739	694	3338**	3499	5254	2700
2529	1096	1005	3859**	2857	6814	4625
2385	1812	712	1903**	6529	2688	1361
			8972			
			4948			
			6470			
			7019			
			3052			
			4858			

*Difficulties encountered in retrieving the last 10 cm of the core intact due to soft waterlogged terrain. Based on the analysis of intact samples from the same species, the absence of the last 10 cm may result in an underestimate of the BGBT in the order of 11% ± 3% (mean±SD).

**Excluded from total belowground biomass (BGBT) related analysis due to a lack of more than 10 cm core depth.

Table 3 Sample site elevation (m) WGS84 UTM33 IGM datum for each species.

<i>Salicornia</i>	<i>S. anglica</i>	<i>S. maritima</i>	<i>Limonium</i>	<i>Juncus</i>	<i>Sarcocornia</i>	<i>Inula</i>
0.13	0.20	0.34	0.24	0.45	0.41	0.38
0.13*	0.20*	0.34*	0.24*	0.43	0.41*	0.38*
0.13*	0.20*	0.34*	0.24*	0.38	0.41*	0.38*
0.28	0.32	0.24	0.28	0.29	0.43	0.37
0.28*	0.32*	0.28	0.28*	0.25	0.35	0.40
0.28*	0.32*	0.24	0.28*	0.47	0.35	0.43
0.26	0.29		0.39			
0.21	0.22		0.39*			
0.22	0.23		0.39*			
			0.26			
			0.29			
			0.40			

*Excluded from analysis as elevation is only indicative for these sample sites based on their proximity to measurements taken at a similar adjacent sample site.

Table 4 Species maximum height at sample sites (cm) for each species.

<i>Salicornia</i>	<i>S. anglica</i>	<i>S. maritima</i>	<i>Limonium</i>	<i>Juncus</i>	<i>Sarcocornia</i>	<i>Inula</i>
13	19	24	13	48	18	55
13*	19*	24*	13*	58	18*	55*
13*	19*	24*	13*	61	18*	55*
21	23	19.0	27	57	21	80
21*	23*	40.0	27*	48	27	35
21*	23*	33.0	27*	46	31	24
34	18		19			
23	16		19*			
32	30		19*			
			33			
			38			
			24			

*Excluded from analysis as the maximum vegetation height is only indicative for these sample sites based on their proximity to measurements taken at a similar adjacent sample site.

Table 5 Soil organic matter (OM/LOI; %) 10 cm layer mean at sample sites for each species.

<i>Salicornia</i>	<i>S. anglica</i>	<i>S. maritima</i>	<i>Limonium</i>	<i>Juncus</i>	<i>Sarcocornia</i>	<i>Inula</i>
11.9%	0.5%	16.6%	13.9%	12.3%	15.3%	11.8%
11.9%	14.8%	17.4%	15.7%	19.8%	12.2%	*
15.3%	15.2%	8.0%	16.4%	13.3%	13.2%	9.4%
4.5%	11.0%	9.7%	15.1%	12.6%	8.2%	10.0%
3.2%	12.5%	4.3%	10.6%	5.6%	12.2%	6.8%
*	*	5.0%	14.7%	11.5%	9.9%	8.6%
2.9%	4.4%		18.7%			
3.5%	9.0%		14.6%			
8.8%	12.3%		15.3%			
			10.1%			
			18.9%			
			9.8%			

*Core extraction and analysis failed.

Table 6 Soil organic carbon (OC; %) 10 cm layer mean at sample sites for each species.

<i>Salicornia</i>	<i>S. anglica</i>	<i>S. maritima</i>	<i>Limonium</i>	<i>Juncus</i>	<i>Sarcocornia</i>	<i>Inula</i>
4.4%	0.2%	6.2%	5.2%	4.5%	5.7%	4.4%
4.4%	5.5%	6.5%	5.8%	7.3%	4.5%	*
5.7%	5.6%	3.0%	6.1%	4.9%	4.9%	3.5%
1.7%	4.1%	3.6%	5.6%	4.7%	3.0%	3.7%
1.2%	4.6%	1.6%	3.9%	2.1%	4.5%	2.5%
*	*	1.8%	5.4%	4.3%	3.7%	3.2%
1.1%	1.6%		6.9%			
1.3%	3.3%		5.4%			
3.3%	4.6%		5.7%			
			3.7%			
			7.0%			
			3.6%			

*Core extraction and analysis failed.

Table 7 Dry Bulk Density (DBD; g/m³) 10 cm layer mean at sample sites for each species.

<i>Salicornia</i>	<i>S. anglica</i>	<i>S. maritima</i>	<i>Limonium</i>	<i>Juncus</i>	<i>Sarcocornia</i>	<i>Inula</i>
0.49	0.38	0.38	0.59	0.64	0.46	0.56
0.49	0.39	0.39	0.46	0.40	0.52	*
0.48	0.42	0.38	0.50	0.59	0.48	0.72
0.51	0.61	0.46	0.51	0.52	0.92	0.73
0.32	0.49	0.97	0.64	0.66	0.75	0.91
*	*	0.81	0.48	0.66	0.56	0.83
1.27	1.01		0.45			
0.88	0.40		0.44			
0.68	0.38		0.36			
			0.63			
			0.46			
			0.54			

*Core extraction and processing failed.