

Supplementary Table S2. Monosaccharide composition in the non-cellulosic fraction of pelagic *Sargassum* biomass harvested at different locations in the Caribbean.

		Mexico (July 2020)	Mexico (January 2021)	Dominican Republic (February 2021)	Jamaica (August 2020)	Jamaica (February 2019)
<i>Neutral monosaccharides</i>	Mannitol	1.77 ± 0.45	0.65 ± 0.30	2.85 ± 2.32	13.84 ± 0.91	0.83 ± 0.42
	Fucose	28.45 ± 0.79	13.97 ± 1.08	24.43 ± 1.82	10.17 ± 0.40	9.37 ± 1.80
	Arabinose	1.44 ± 0.52	2.54 ± 0.58	1.54 ± 0.32	0.96 ± 0.04	0.71 ± 0.22
	Rhamnose	1.77 ± 0.25	1.66 ± 0.25	1.55 ± 0.11	0.46 ± 0.04	0.83 ± 0.23
	Galactose	12.49 ± 0.47	5.28 ± 0.27	12.74 ± 1.19	4.71 ± 0.21	6.76 ± 1.37
	Glucose	6.71 ± 0.94	4.01 ± 0.19	5.48 ± 3.00	4.13 ± 0.16	2.89 ± 0.42
	Xylose	11.33 ± 0.52	3.93 ± 0.24	11.36 ± 0.43	2.86 ± 0.03	2.92 ± 0.37
	Mannose	2.29 ± 0.31	1.54 ± 0.06	1.03 ± 0.14	1.79 ± 0.12	2.38 ± 0.16
<i>Uronic acids</i>	Galacturonic Acid	6.24 ± 0.38	0.41 ± 0.09	6.56 ± 1.13	0.06 ± 0.02	0.30 ± 0.13
	Glucuronic Acid	0.79 ± 0.08	15.77 ± 0.26	0.71 ± 0.12	10.04 ± 0.54	4.49 ± 0.36
	Guluronic Acid	3.84 ± 0.54	12.25 ± 0.83	4.25 ± 0.47	14.13 ± 0.48	24.19 ± 0.90
	Mannuronic Acid	22.88 ± 3.26	37.97 ± 1.59	27.47 ± 2.09	36.84 ± 0.75	44.32 ± 3.65

Results are expressed as % of biomass DW. Values for Jamaica (February 2019) have been reported by Davis et al. (2021) [10].