

# Microbial eukaryotes in natural and artificial salt marsh pools

Marina Potapova, Daiana Markarian, Abigail King & Laura Aycock

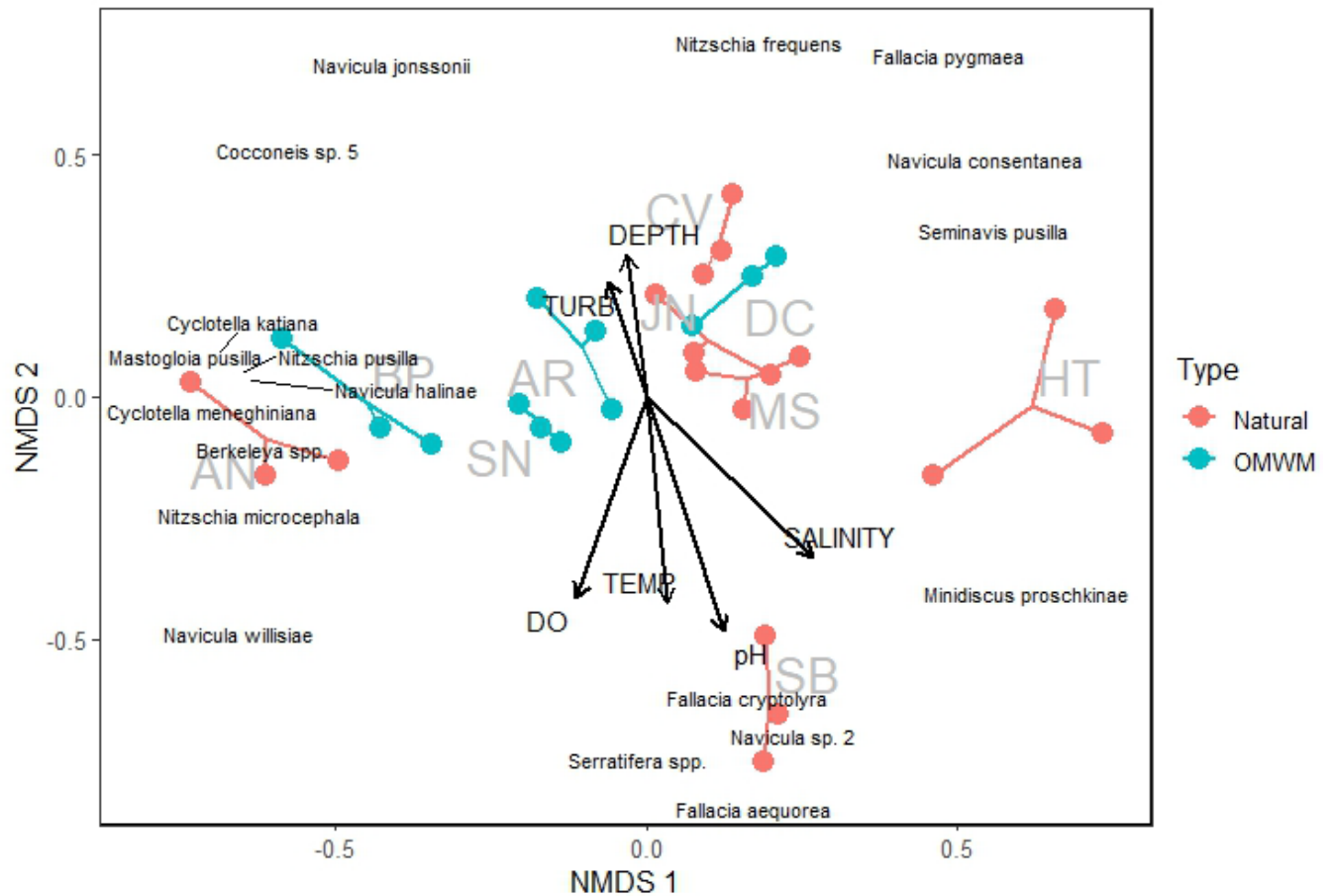
## Supplementary Materials

**Table S1.** Location and characteristics of sampled tidal pools.

Pool ID	Type	Latitude	Longitude	Depth, m	Turbidity	Salinity, psu	pH	Temperature, C	Dissolved oxygen, mg L <sup>-1</sup>	Water sample	Sediment samples
AN	Natural	39.50918	74.31481	0.43	moderate	30.91	7.44	21.0	4.06	AN1	AN2 a, c, e
AR	OMWM	39.51981	74.29946	0.51	high	27.62	7.21	21.7	1.88	AR1	AR2 a, c, e
BP	OMWM	39.52185	74.29932	0.26	moderate	29.61	7.30	21.1	4.34	BP1	BP2 a, c, e
CV	Natural	39.50921	74.31748	0.55	moderate	31.42	7.69	21.0	5.6	CV1	CV2 a, c, e
DC	OMWM	39.52077	74.29932	0.47	high	28.1	7.00	21.1	3.5	DC1	DC2 a, c, e
HT	Natural	39.50899	74.31639	0.15	moderate	31.78	7.50	21.4	2.73	HT1	HT2 a, c, e
JN	Natural	39.50925	74.31532	0.5	moderate	31.4	7.40	20.6	2.8	JN1	JN2 a, c, e
MS	Natural	39.50924	74.31507	0.64	moderate	30.61	7.24	20.4	3.88	MS1	MS2 a, c, e
SB	Natural	39.50847	74.31517	0.4	moderate	31.5	7.77	21.7	6.17	SB1	SB2 a, c, e
SN	OMWM	39.52106	74.29933	0.26	high	29.37	7.43	21.5	5.89	SN1	SN2 a, c, e

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**Figure S1.** NMDS plot, sediment diatom count data. Samples (filled circles) from individual pools are connected by lines that meet at pool centroids. Pool codes are in grey letters. Positions of 20 morphospecies with the highest fit are shown by their labels (black font). Arrows show correlations of environmental variables with ordination axes. DO: dissolved oxygen, TEMP – water temperature, TURB: turbidity.