On-line Suppl. Tab. 1. Results of principal component analysis.

	PC1	PC2	PC3
Eigenvalues	3.50	2.61	1.75
% variance explained	31.9	23.7	15.9
Cumulative % explained	31.9	55.6	71.5
Eigenvectors			
Secchi Depth	−0.153	−0.085	−0.527
Turbidity	−0.238	−0.332	0.347
Salinity	0.088	0.403	−0.261
TDS	0.095	0.477	−0.269
Temperature	−0.425	0.265	0.178
pH	−0.267	−0.130	−0.423
DO_2	0.351	−0.406	−0.155
O_2 %	−0.314	−0.328	−0.014
N	−0.428	0.071	−0.112
P	0.040	0.350	0.445
SiO_2	−0.495	0.077	−0.001
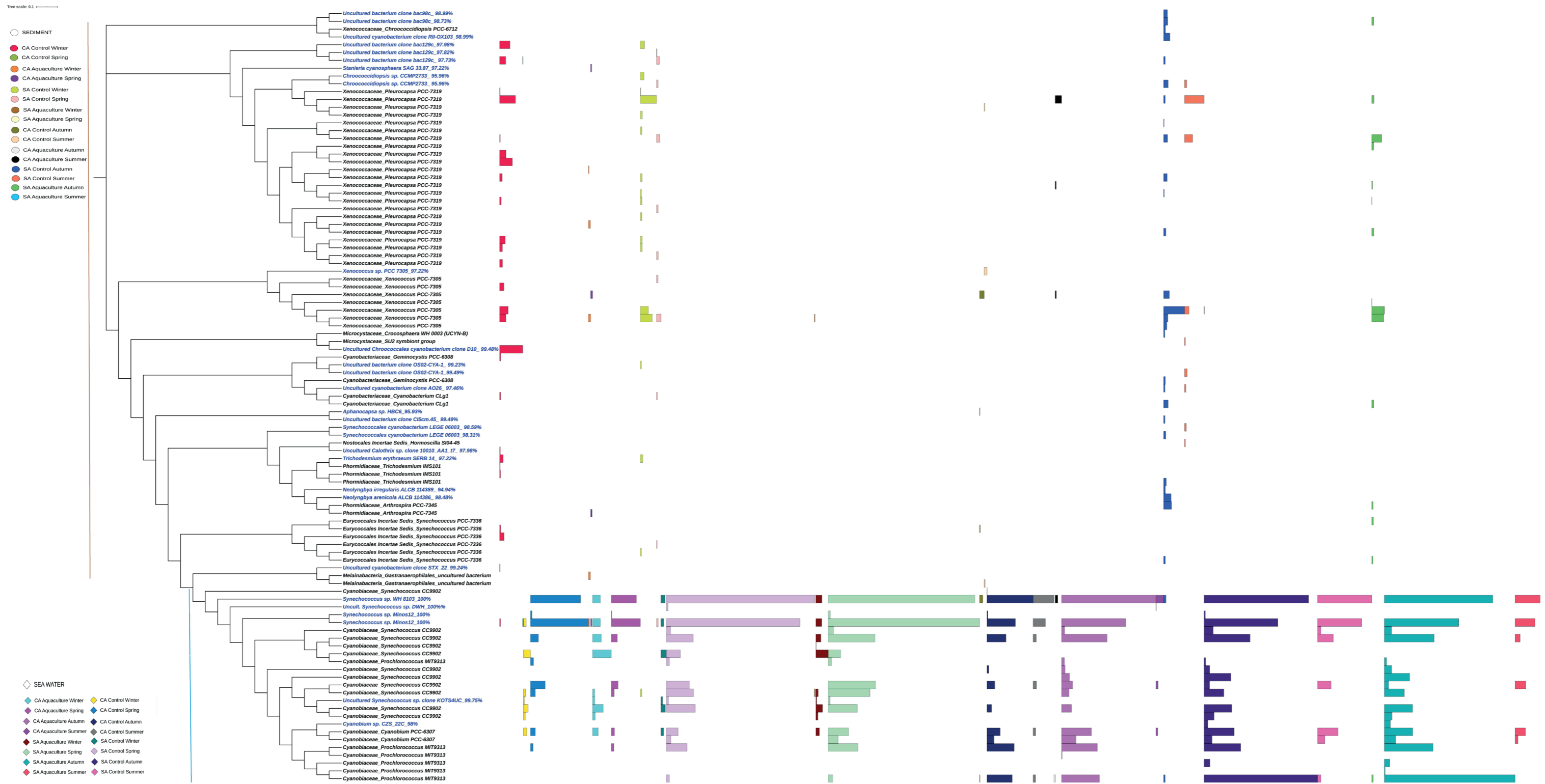
On-line Suppl. Fig. 1. Cladogram displaying grouping of 100 cyanobacterial ASVs, with addition of multi value bar chart of sample frequencies in different ASVs (CA – central Adriatic, SA – southern Adriatic, Aquaculture – site type under the influence of fish farms, Control – control site type; à - sea water sample type, **O** – sediment sample type). Leaf labels are automatically assigned by SILVA database (black letters), or NCBI GenBank database BLAST search hit results (blue letters).