

**Table S1: Correlation coefficient between physicochemical parameters and species diversity indices.**

	Shannon Index	Simpson's Index	Pielou's Index	Margalef's Index
pH	-0.023	-0.005	0.114	-0.109
EC	0.21	0.251	0.018	0.473
Salinity	0.305	0.338	0.096	0.536
DO	0.378	0.352	0.251	0.336
Rainfall	-0.629*	-0.562	-0.592*	-0.464
NDVI	-0.174	-0.278	-0.509	0.064
EVI	-0.151	-0.264	-0.343	-0.11
NDWI	-0.33	-0.438	-0.407	-0.292
MinTemp	-0.237	-0.279	-0.519	-0.036
MaxTemp	-0.501	-0.566	-0.392*	-0.264

\*: Significant correlation at  $P < 0.05$ .