

Supplementary Information

Riverine Inputs Impact the Diversity and Population Structure of Heterotrophic Fungus-Like Protists and Bacterioplankton in the Coastal Waters of the South China Sea

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Table S1 Sampling stations and environmental parameters

Station	Habitat	Cruise	Temperature(°C)	Salinity(‰)
P1	Plume	2016	28.62	31.72
P2	Plume	2016	28.31	32.50
C1	Offshore	2016	28.76	33.52
C2	Offshore	2016	27.52	34.70
C3	Offshore	2016	28.93	34.41
C4	Offshore	2016	28.88	33.39
O1	Pelagic	2016	29.29	34.58
O2	Pelagic	2016	29.29	34.11
P1	Plume	2018	28.81	32.20
P2	Plume	2018	28.91	31.79
P3	Plume	2018	28.81	32.18
C1	Offshore	2018	28.56	33.51
C2	Offshore	2018	28.69	34.30
C3	Offshore	2018	29.17	34.01
C4	Offshore	2018	29.29	33.65
O3	Pelagic	2018	29.22	33.78
O4	Pelagic	2018	28.99	33.71

Table S2 Sampling stations for LP and bacterioplankton diversity

Cruise	LP	Bacterioplankton
2016	P1, P2, C1, C2, C3, C4, O1, O2	P1, P2, C1, C2, O1, O2
2018	P1, P2, P3, C1, C2, C3, C4, O3, O4	P1, P2, C1, C2, O3, O4

Table S3 Pairwise comparisons for bacterioplankton composition using permutation MANOVA.

	Plume	Offshore	Pelagic
Plume	-	0.016	0.016
Offshore	0.016	-	0.028
Pelagic	0.016	0.028	-

Table S4 Pairwise comparisons for LP composition using permutation MANOVA.

	Plume	Offshore	Pelagic
Plume	-	0.006	0.013
Offshore	0.006	-	0.225
Pelagic	0.013	0.225	-