

Table S1. The details information of the sampling sites

site	Lat (°N)	Lon (°W)
NHS1	30.47607	114.3667
NHS2	30.48609	114.3787
NHS3	30.49347	114.3631
NHS4	30.49276	114.3519
NHS5	30.48786	114.3457
NHS6	30.49755	114.3386
NHS7	30.50182	114.3484
BHS1	30.59979	114.5147
BHS2	30.60267	114.5132
BHS3	30.60477	114.5144
BHS4	30.61391	114.5122
BHS5	30.62042	114.5046
MSHS1	30.54308	114.207
MSHS2	30.54933	114.2125
MSHS3	30.54399	114.2167
MSHS4	30.54479	114.2265
MSHS5	30.54781	114.2244
MSHS6	30.53781	114.2323
LHHS1	30.55321	114.2725
LHHS2	30.55385	114.2712
LHHS3	30.55231	114.2743
YHS1	30.55745	114.2577
YHS2	30.55744	114.2577
YHS3	30.55676	114.2576
XBHS1	30.60059	114.2628
XBHS2	30.59999	114.2623
XBHS3	30.59857	114.2652
HZHS1	30.59884	114.2774
HZHS2	30.59847	114.2799
HZHS3	30.59828	114.2798
SHS1	30.57257	114.3427
SHS2	30.57256	114.3425
SHS3	30.57387	114.334
DHS1	30.54613	114.3655
DHS2	30.53452	114.3719
DHS3	30.53811	114.3727
DHS4	30.56391	114.3472
LZHS1	30.24567	114.4505
LZHS2	30.2395	114.4566
LZHS3	30.2445	114.4505
CHS1	30.32038	113.8178
CHS2	30.31507	113.8169
CHS3	30.31274	113.8201