

Supplementary materials

Table S1. Detailed locations of sampling sites in Caohai Lake

Sampling points	Longitude and latitude
1	N26°50.043' E104°16.821'
2	N26°50.816' E104°15.122'
3	N26°50.418' E104°15.350'
4	N26°51.104' E104°14.652'
5	N26°51.034' E104°14.803'
6	N26°51.015' E104°14.797'
7	N26°50.892' E104°14.923'
8	N26°51.907' E104°13.342'
9	N26°51.512' E104°13.065'
10	N26°52.118' E104°13.309'