

Table S1 Dates of field surveys conducted at lakes and reservoirs in different limnetic regions (NLR, Northeast lake region; MXR, Mengxing lake region; ELR, East China lake region; YGR, Yungui lake region; TQR, Tibet-Qinghai lake region) across China. Notations: Lake R = lake region; L. Stations = lake sampling stations; R. Stations = reservoir sampling stations.

Sampling time	Lake R	Lakes	L. Stations	Reservoirs	R. Stations
2004/07/26, 2004/08/19	NLR	1	25	0	0
2004/09/14, 2004/10/14	NLR	1	29	0	0
2006/08/17, 2006/08/21	NLR	1	44	0	0
2007/09/05, 2007/08/28	NLR	1	27	1	11
2007/10/16	NLR	1	2	0	0
2008/06/13	NLR	0	0	1	3
2013/06/13, 2013/06/24	NLR	1	20	1	15
2013/08/17, 2013/08/30	NLR	2	27	1	21
2013/09/10—2013/09/20	NLR	10	77	4	31
2013/09/25, 2013/10/18	NLR	6	44	1	5
2013/10/09—2013/11/20	YGR	9	66	7	24
2013/05/10—2013/05/20	NLR	20	121	5	29
2014/09/07—2014/09/22	NLR	12	118	5	42
2014/09/02—2014/09/13	MXR	25	45	3	11
	NLR	1	4	1	2
2014/10/28—2014/11/02	MXR	3	5	5	9
2014/04/10—2014/04/18	NLR	11	28	1	5
2014/04/23—2014/05/03	NLR	19	46	3	5
	ELR	5	5	0	0
2014/07/15—2014/07/28	MXR	9	28	1	4
	TQR	13	57	2	26
2014/09/12—2014/09/21	ELR	5	5	2	2
2015/10/10—2015/10/18	ELR	5	36	3	18
2015/06/04, 2015/06/09	NLR	0	0	2	17
	TQR	27	75	1	13
2015/06/21—2015/07/20	MXR	13	90	13	37
2016/05/09—2016/05/13	NLR	0	0	1	16
2016/08/15—2016/09/06	NLR	5	57	2	13
	NLR	54	111	7	23
2017/09/04—2017/09/18	MXR	7	34	1	16
2017/09/28—2017/11/06	NLR	1	8	1	5

	ELR	50	186	39	134
	YGR	23	153	13	56
2017/04/18—2017/04/26	NLR	13	23	2	5
2018/03/11, 2018/04/29	NLR	1	2	2	18
2018/04/14—2018/04/22	NLR	0	0	12	43
2018/08/15, 2018/10/08	NLR	6	31	3	5
Total	-	361	1629	146	664
