

Table S2. Concentration of nutrients in the phatic water layer of Lake Baikal during the 2019 season

	St. No.	Station title	Depth m	Si mg L ⁻¹	PO ₄ ³⁻ mg L ⁻¹	NO ₃ ⁻ mg L ⁻¹
May (Spring) of 2019	1	12 km from Kultuk	0-25	0.52	0.023	0.39
	2	3 km from Marituy	0-25	0.53	0.019	0.36
	3	Marituy-Solzan	0-25	0.53	0.017	0.36
	4	3 km from Solzan	0-25	0.52	0.019	0.45
	5	Tolsty-Snezhnaya	0-25	-	-	-
	6	3 km from Listvyanka	0-25	0.56	0.023	0.47
	7	3 km from Tankhoy	0-25	0.56	0.028	0.46
	8	3 km from Tankhoy	0-25	0.57	0.015	0.33
July (Summer) of 2019	1	12 km from Kultuk	0-25	0.43	0.007	0.14
	2	3 km from Marituy	0-25	0.33	0.017	0.27
	3	Marituy-Solzan	0-25	0.40	0.005	0.14
	4	3 km from Solzan	0-25	0.58	0.013	0.14
	5	Tolsty-Snezhnaya	0-25	0.61	0.010	0.17
	6	3 km from Listvyanka	0-25	0.58	0.010	0.07
	7	3 km from Tankhoy	0-25	0.54	0.008	0.21
	8	3 km from Tankhoy	0-25	0.49	0.012	0.18