Spatiotemporal Dynamics of Dissolved Organic Carbon and Freshwater Browning in the Zoige Alpine Wetland, Northeastern Qinghai-Tibetan Plateau

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Table S1 Sampling information (location, sample temperature and pH) for the four rivers on the Northeastern Qinghai-Tibetan Plateau.

Rivers	Sites	Lon. (°N)	Lat. (°E）	Elevation (m)	temperature(℃)		pH	
					June	November	June	November
Zagunao River	Z1	31.48989	103.579764	1349.000	14	4	7.91	7.95
	Z2	31.51927	103.550605	1364.000	15	3.8	8.06	8
	Z3	31.556803	103.456685	1456.000	14	3	8.01	7.89
	Z4	31.570793	103.37832	1541		2.8	7.97	8.09
	Z5	31.526383	103.246493	1652		2.8	8	8.39
	Z6	31.443818	103.176097	1844	13	2.5	8.01	8.29
	Z7	31.404927	103.102633	1968	13.8	2	8	8.2
Min River	M1	33.03161	103.712302	3510	8	-1	7.97	8.43
	M2	32.959641	103.702715	3298	9	2	8	8.43
	M3	32.899787	103.682339	3204	11		8.11	8.46
	M4	32.79899	103.638904	3014	11	3.5	7.95	8.16
	M5	32.670019	103.602492	2893	11.3	2.5	8.07	8.33
	M6	32.583165	103.612696	2817	12	5	7.98	8.3
	M7	32.50942	103.639732	2712	12.5	3	8.05	8.37
	M8	32.361427	103.72326	2548	14	3	8.05	8.43
	M9	32.205142	103.765477	2338	14	4	8.05	8.49
	M10	32.02094	103.6812352	2034	14	5	8.52	8.52
Bai River	B1	32.380859	102.425738	3639	10.2	1	7.9	7.92
	B2	32.43989	102.365385	3567	12	1	7.85	8.09
	B3	32.597931	102.327155	3531	15	-0.3	7.87	8.26
	B4	32.670755	102.341484	3519	15	-0.3	7.8	7.9
	B5	32.737506	102.406429	3521	16	-0.3	7.78	7.96

	B6	32.785692	102.473199	3510	16.5	2	7.67	7.94
	B7	32.866549	102.594665	3506	16	2	7.63	7.97
	B8	33.025908	102.60514	3484	16.5	0.8	7.63	7.98
	B9	33.048067	102.60856	3481	15	0.8	7.67	7.99
	B10	33.395043	102.481764	3447				8.16
Hei River	H1	33.594417	102.9364	3457	16			8.22
	H2	33.587867	103.095454	3495	16			8.15
	H3	33.482034	103.16709	3550	14.2			8.13
	H4	33.44396	103.178827	3552	14			8.06
	H5	33.382276	103.203874	3594	14			8.13
	H6	33.343185	103.207637	3691	14			8.08
	H7	33.316651	103.212832	3612	14			7.99
	H8	33.235574	103.222203	3615	15			7.96

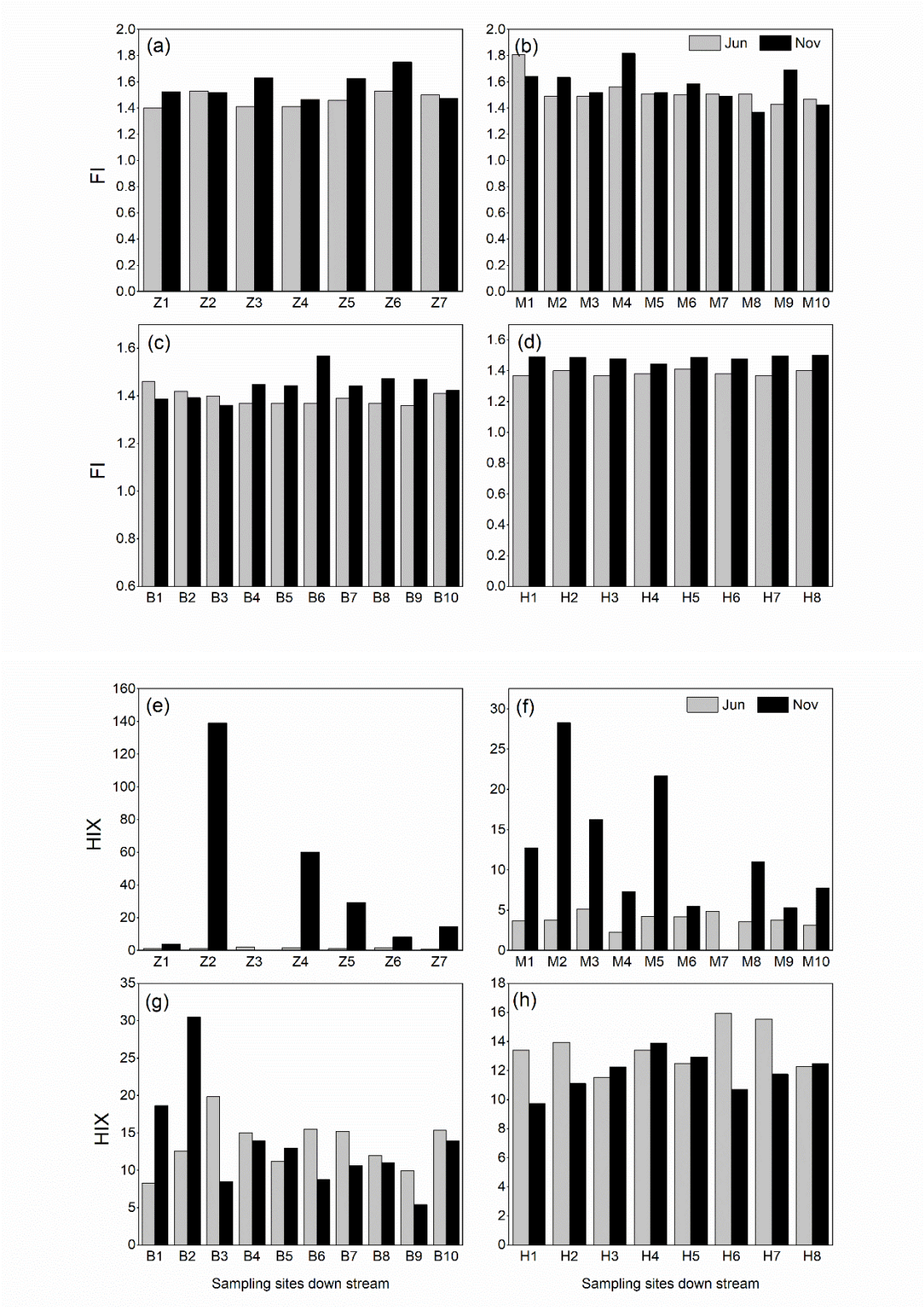

Figure S1: FI and HIX in (a) the Zagunao River (sites Z1-Z7), (b) the Min River (sites M1-M10), (c) the Bai River (sites B1-B10) and (d) the Hei River (H1-H8) in the wet (June) and dry (November) seasons.