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8 **附录I** 本文46篇文献中的实验站点及环境信息

9 **Supplement I** All the forty six field experiments in this meta-analysis and the related environmental factor

实验处理	文献	经纬度	年平均气温	年降水量
Treatment	Citation	Location	MAT (°C)	MAP (mm)
氮素添加 N addition	Abraha <i>et al.</i> , 2015	25.75° S, 28.26° E	(17.6)	670
	Aydin <i>et al.</i> , 2005	41.35° N, 36.25° E	(13.2)	665
	Baer <i>et al.</i> , 2003	39.08° N, 96.58° W	(12.6)	620
	Bai <i>et al.</i> , 2010	43.63° N, 116.7° E	0.3	346.1
	Barger <i>et al.</i> , 2002	10.36° N, 66.96° W	17.9	1063
	Bennett <i>et al.</i> , 2001	22.28° S, 117.67° E	(24.5)	(417.8)
	Bobbink R. 1991	50.85° N, 5.9° E	16.3	914
	Bonanomi <i>et al.</i> , 2006	43.33° N, 13° E	(12)	945
	Bowman <i>et al.</i> , 2006	40° N, 105.3° W	(7.9)	(459.1)
	Kinugasa <i>et al.</i> , 2012	47.03° N, 105.95° E	0.4	159
	Körner <i>et al.</i> , 1997	47.11° N, 7.37° E	(8.5)	(935.9)
	Ladwig <i>et al.</i> , 2012	34.33° N, 106.83° W	13.2	250
	Reich <i>et al.</i> , 2001	45° N, 93° W	(6.6)	660
	Soudzilovskaia <i>et al.</i> , 2005	43.45° N, 41.7° E	(2.2)	1400
	Turner C L, Knapp A K. 1996	39.08° N, 96.55° W	(12.6)	(864.6)
Wang <i>et al.</i> , 2014	42.03° N, 116.28° E	2	350	
Wang <i>et al.</i> , 2015	42.45° N, 116.67° E	2.1	382.2	
Xia <i>et al.</i> , 2009	42.03° N, 116.28° E	2.1	383	
Zeng <i>et al.</i> , 2010	42.96° N, 122.35° E	6.4	450	
增雨处理 Precipitation increasing	Carlyle <i>et al.</i> , 2014	56.43° N, 122° W	8.9	279
	Chen <i>et al.</i> , 2009	42.03° N, 116.28° E	2.1	383
	Chimner <i>et al.</i> , 2010	41° N, 104° W	(8.2)	380
	Chou <i>et al.</i> , 2008	39.25° N, 121.28° W	16	750
	Dijkstra <i>et al.</i> , 2010	41.18° N, 104.9° W	(7)	384
	Fiala <i>et al.</i> , 2012	48.81° N, 16° E	9.6	529
	Fiala <i>et al.</i> , 2012	49.71° N, 15.96° E	7	762
	Fiala <i>et al.</i> , 2012	49.5° N, 18.53° E	6.3	1312
	Flanagan <i>et al.</i> , 2013	49.47° N, 112.94° W	(5.2)	386.3
	Gong <i>et al.</i> , 2015	44.8° N, 116.03° E	0.5	300
	Grime <i>et al.</i> , 2008	53.33° N, 1.91° W	8	1300
Grime <i>et al.</i> , 2008	51.76° N, 1.31° W	10	680	

	Holub <i>et al.</i> , 2015	48.81° N, 16° E	9.6	529
	Holub <i>et al.</i> , 2015	49.71° N, 15.97° E	7	762
	Holub <i>et al.</i> , 2015	49.5° N, 18.53° E	6.3	1312
	Miao <i>et al.</i> , 2017	42.03° N, 116.28° E	2.1	379
	Sherry <i>et al.</i> , 2008	34.98° N, 97.51° W	16.3	967
	Xi <i>et al.</i> , 2015	45.78° N, 3.08° E	12.4	575
	Yan <i>et al.</i> , 2011	42.03° N, 116.28° E	2.1	371
	Zhou <i>et al.</i> , 2012	34.97° N, 97.51° W	16.3	967
	Dukes <i>et al.</i> , 2005	37.4° N, 122.23° W	(13.6)	(632.1)
	Gao <i>et al.</i> , 2011	43.63° N, 116.7° E	0.7	335
	Gong <i>et al.</i> , 2015	43.43° N, 115.53° E	0.7	335
	Harpole <i>et al.</i> , 2007	33.62° N, 117.76° W	(16.5)	325
	Huang <i>et al.</i> , 2015	44.28° N, 87.93° E	6.6	160
增氮增处理	Jia <i>et al.</i> , 2013	38.81° N, 110.38° E	8.4	400
N addition and	Ren <i>et al.</i> , 2011	42.03° N, 116.28° E	2.1	380
precipitation increasing	Ren <i>et al.</i> , 2017	42.03° N, 116.28° E	2.1	371
	Shen <i>et al.</i> , 2016	44.17° N, 116.28° E	0.6	346
	Wang <i>et al.</i> , 2015	44.5° N, 123.51° E	6.4	471
	Xu <i>et al.</i> , 2017	42.03° N, 116.28° E	2.1	371
	Yan <i>et al.</i> , 2010	42.03° N, 116.28° E	2.1	371

10 括号内的数据为根据站点经纬度数据算出的数据。

11 Values in parentheses are not reported in the original papers and calculated by CRUCL 2.0. MAT, mean annual temperature; MAP, mean annual precipitation.

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