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附录 I 2019 年降水量和氮添加对植物生物量的影响(平均值±标准误, $n = 3$)

Supplement I Effects of precipitation and nitrogen addition on plant biomass in 2019 (mean ± SE, $n = 3$)

处理 Treatment	群落生物量 Community biomass	牛枝子 <i>Lespedeza potaninii</i>	草木樨状黄耆 <i>Astragalus melilotoides</i>	白草 <i>Pennisetum flaccidum</i>	针茅 <i>Stipa capillata</i>	糙隐子草 <i>Cleistogenes squarrosa</i>	其他物种 Other species
W1N0	37.68 ± 11.62 ^b	21.91 ± 0.37 ^b	1.49 ± 0.36 ^b	4.59 ± 4.59 ^a	4.59 ± 2.88 ^{ab}	0.34 ± 0.23 ^c	4.76 ± 0.41 ^c
W2N0	58.01 ± 9.04 ^b	35.69 ± 9.10 ^{ab}	0.35 ± 0.26 ^b	7.59 ± 3.64 ^a	1.98 ± 1.16 ^b	0.98 ± 0.98 ^b	2.41 ± 0.88 ^c
W3N0	109.46 ± 16.37 ^a	69.11 ± 21.31 ^a	11.27 ± 2.54 ^a	6.41 ± 6.41 ^a	5.75 ± 1.86 ^{ab}	11.84 ± 1.88 ^{ab}	5.08 ± 0.51 ^c
W4N0	112.26 ± 6.77 ^a	57.93 ± 16.27 ^{ab}	11.13 ± 2.76 ^a	9.44 ± 7.10 ^a	8.80 ± 4.12 ^{ab}	12.94 ± 0.88 ^{ab}	12.02 ± 0.04 ^b
W5N0	115.89 ± 14.02 ^a	46.75 ± 11.49 ^{ab}	11.00 ± 2.58 ^a	12.46 ± 8.02 ^a	11.84 ± 1.67 ^a	14.05 ± 1.43 ^a	19.79 ± 2.73 ^a
W1N5	46.32 ± 5.50 ^c	36.88 ± 6.47 ^b	4.61 ± 4.43 ^a	1.53 ± 1.52 ^b	2.88 ± 2.24 ^a	0.23 ± 0.13 ^a	0.18 ± 0.02 ^{b*}
W2N5	64.68 ± 11.63 ^{bc}	33.85 ± 4.30 ^b	7.20 ± 0.43 ^{a*}	6.50 ± 6.00 ^{ab}	8.57 ± 4.86 ^a	5.72 ± 3.83 ^a	2.86 ± 2.22 ^b
W3N5	115.13 ± 14.23 ^{ab}	73.78 ± 8.20 ^{ab}	9.78 ± 4.66 ^a	4.39 ± 4.39 ^{ab}	7.45 ± 5.38 ^a	3.79 ± 2.46 ^a	12.62 ± 1.39 ^{a*}
W4N5	121.83 ± 16.18 ^a	80.69 ± 19.57 ^{ab}	7.75 ± 0.69 ^a	8.74 ± 4.10 ^{ab}	8.37 ± 2.44 ^a	6.03 ± 2.89 ^a	13.60 ± 1.61 ^a
W5N5	141.09 ± 30.77 ^a	87.60 ± 35.44 ^a	8.76 ± 2.10 ^a	13.08 ± 2.24 ^a	9.30 ± 6.39 ^a	8.23 ± 4.93 ^a	14.09 ± 1.53 ^a

N0 和 N5 表示氮添加处理分别为 0 和 5 g·m⁻²·a⁻¹。W1, 降水量减少 50%; W2, 降水量减少 30%; W3, 自然降水量; W4, 降水量增加 30%; W5, 降水量增加 50%。

N0 and N5 indicate the nitrogen addition treatment is 0 and 5 g·m⁻²·a⁻¹, respectively. W1, 50% reduction in precipitation; W2, 30% reduction in precipitation; W3, natural precipitation; W4, 30% increase in precipitation; W5, 50% increase in precipitation.