

林夏珍, 刘林, 董婷婷, 方琦博, 郭庆学 (2021). 非结构性碳水化合物与氮分配对美洲黑杨和青杨耐盐能力的影响. 植物生态学报, 45, 961-971. DOI: 10.17521/cjpe.2021.0240

Lin XZ, Liu L, Dong TT, Fang QB, Guo QX (2021). Effects of non-structural carbohydrate and nitrogen allocation on the ability of *Populus deltoides* and *P. cathayana* to resist soil salinity stress. *Chinese Journal of Plant Ecology*, 45, 961-971. DOI: 10.17521/cjpe.2021.0240

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附录II 不同处理下美洲黑杨与青杨叶中氮(N)的分配(平均值±标准误)

Supplement II Leaf nitrogen (N) allocation to different protein forms of *Populus deltoides* and *P. cathayana* under different treatments (mean ± SE)

	脂不溶性蛋白氮 Insoluble protein N (mg·g ⁻¹)	脂溶性蛋白氮 Soluble protein N (mg·g ⁻¹)	水溶性蛋白氮 Water-soluble protein N (mg·g ⁻¹)
美洲黑杨 <i>P. deltoides</i>			
对照 Control (CK)	2.7 ± 0.2	2.7 ± 0.3 ^{ab}	0.5 ± 0.1
去叶 Defoliation (D)	2.6 ± 0.3	2.6 ± 0.2 ^{abc}	0.4 ± 0.1
盐胁迫 Salt stress (Sa)	2.8 ± 0.5	3.0 ± 0.3 ^a	0.5 ± 0.2
盐胁迫与去叶 Salt stress and Defoliation (Sa-D)	3.6 ± 0.1	2.8 ± 0.1 ^{ab}	0.4 ± 0.0
青杨 <i>P. cathayana</i>			
对照 CK	1.9 ± 0.1	1.6 ± 0.3 ^{cd}	0.4 ± 0.1
去叶 D	2.2 ± 0.4	1.9 ± 0.2 ^{bcd}	0.3 ± 0.0
盐胁迫 Sa	2.1 ± 0.0	1.3 ± 0.2 ^d	0.4 ± 0.1
盐胁迫与去叶 Sa-D	2.4 ± 0.3	1.0 ± 0.3 ^d	0.6 ± 0.1
<i>p</i>			
物种 Spices (Sp)	0.002	<0.001	0.823
去叶 D	0.129	0.625	0.619
盐 Sa	0.105	0.358	0.251
Sp × D	0.949	0.501	0.196
Sp × Sa	0.352	0.027	0.508
D × Sa	0.369	0.318	0.358
Sp × D × Sa	0.303	0.496	0.471

若因子交互作用有显著性差异($p < 0.05$), 则用Turkey分析进行多重比较, 同列中的不同小写字母表示显著性差异。

Different lowercase letters denote significant differences among treatments according to Tukey's HSD test at a significance level of $p < 0.05$.