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附录 I 内蒙古典型草原 18 种常见植物叶片碳(C)、氮(N)、磷(P)含量的季节变化

Supplement I Seasonal variation of leaf carbon (C), nitrogen (N), phosphorus (P) concentrations in 18 common plants of typical steppe in Nei Mongol, China

物种 Species	取样日期 Sampling date	碳含量 C concentration (mg g <sup>-1</sup> )	氮含量 N concentration (mg g <sup>-1</sup> )	磷含量 P concentration (mg g <sup>-1</sup> )
狗娃花 <i>Heteropappus hispidus</i>	2019-06-02	397.90	38.22	2.04
矮韭 <i>Allium anisopodium</i>	2019-06-02	403.74	42.53	3.09
冰草 <i>Agropyron cristatum</i>	2019-06-02	437.45	28.58	1.08
糙隐子草 <i>Cleistogenes squarrosa</i>	2019-06-02	435.60	32.82	1.99
二裂委陵菜 <i>Potentilla bifurca</i>	2019-06-02	439.92	41.27	2.55
黄花葱 <i>Allium condensatum</i>	2019-06-02	414.37	34.90	2.03
裂叶荆芥 <i>Nepeta tenuifolia</i>	2019-06-02	403.08	29.20	1.53
麻花头 <i>Serratula centauroides</i>	2019-06-02	408.13	38.46	2.36
木地肤 <i>Kochia prostrata</i>	2019-06-02	398.96	35.52	2.47
[卅/洽]草 <i>Koeleria cristata</i>	2019-06-02	435.75	35.25	1.45
山韭 <i>Allium senescens</i>	2019-06-02	427.39	31.67	1.82
细叶韭 <i>Allium tenuissimum</i>	2019-06-02	408.19	48.14	2.95
小叶锦鸡儿 <i>Caragana microphylla</i>	2019-06-02	447.62	49.40	2.18
羊草 <i>Leymus chinensis</i>	2019-06-02	434.32	32.03	1.56
羽茅 <i>Achnatherum sibiricum</i>	2019-06-02	425.68	33.00	1.28
展枝唐松草 <i>Thalictrum squarrosom</i>	2019-06-02	448.27	53.79	2.82
长柱沙参 <i>Adenophora stenanthina</i>	2019-06-02	425.28	49.52	3.60
大针茅 <i>Stipa grandis</i>	2019-06-02	453.76	26.33	1.29
狗娃花 <i>Heteropappus hispidus</i>	2019-06-17	415.01	38.68	1.89
矮韭 <i>Allium anisopodium</i>	2019-06-17	417.03	36.21	2.30
冰草 <i>Agropyron cristatum</i>	2019-06-17	443.94	24.54	0.99
糙隐子草 <i>Cleistogenes squarrosa</i>	2019-06-17	429.54	25.78	1.57
二裂委陵菜 <i>Potentilla bifurca</i>	2019-06-17	440.64	36.95	1.97
黄花葱 <i>Allium condensatum</i>	2019-06-17	409.62	22.62	1.54
裂叶荆芥 <i>Nepeta tenuifolia</i>	2019-06-17	419.40	27.15	1.48
麻花头 <i>Serratula centauroides</i>	2019-06-17	390.53	36.47	1.91
木地肤 <i>Kochia prostrata</i>	2019-06-17	369.88	30.87	1.51
[卅/洽]草 <i>Koeleria cristata</i>	2019-06-17	413.25	21.24	1.05
山韭 <i>Allium senescens</i>	2019-06-17	425.10	20.87	1.13
细叶韭 <i>Allium tenuissimum</i>	2019-06-17	418.28	29.53	1.73
小叶锦鸡儿 <i>Caragana microphylla</i>	2019-06-17	449.28	45.84	1.99
羊草 <i>Leymus chinensis</i>	2019-06-17	436.00	28.46	1.40
羽茅 <i>Achnatherum sibiricum</i>	2019-06-17	436.21	23.44	1.34
展枝唐松草 <i>Thalictrum squarrosom</i>	2019-06-17	450.46	49.91	2.49
长柱沙参 <i>Adenophora stenanthina</i>	2019-06-17	421.18	42.63	2.60
大针茅 <i>Stipa grandis</i>	2019-06-17	450.92	25.81	0.88
狗娃花 <i>Heteropappus hispidus</i>	2019-07-02	437.53	29.76	1.37
矮韭 <i>Allium anisopodium</i>	2019-07-02	413.75	30.07	1.81

附录 I (续表) Supplement I (Continued)

物种 Species	取样日期 Sampling date	碳含量 C concentration (mg g <sup>-1</sup> )	氮含量 N concentration (mg g <sup>-1</sup> )	磷含量 P concentration (mg g <sup>-1</sup> )
冰草 <i>Agropyron cristatum</i>	2019-07-02	438.63	23.67	1.10
糙隐子草 <i>Cleistogenes squarrosa</i>	2019-07-02	442.96	24.89	1.22
二裂委陵菜 <i>Potentilla bifurca</i>	2019-07-02	439.23	28.96	1.95
黄花葱 <i>Allium condensatum</i>	2019-07-02	406.94	20.14	1.46
裂叶荆芥 <i>Nepeta tenuifolia</i>	2019-07-02	435.72	25.10	1.43
麻花头 <i>Serratula centauroides</i>	2019-07-02	434.69	34.48	1.46
木地肤 <i>Kochia prostrata</i>	2019-07-02	408.94	30.30	1.76
[卅/洽]草 <i>Koeleria cristata</i>	2019-07-02	427.35	20.30	1.09
山韭 <i>Allium senescens</i>	2019-07-02	415.88	19.15	1.15
细叶韭 <i>Allium tenuissimum</i>	2019-07-02	424.67	26.87	1.63
小叶锦鸡儿 <i>Caragana microphylla</i>	2019-07-02	445.95	42.28	1.80
羊草 <i>Leymus chinensis</i>	2019-07-02	432.63	24.96	1.33
羽茅 <i>Achnatherum sibiricum</i>	2019-07-02	457.66	33.98	1.84
展枝唐松草 <i>Thalictrum squarrosom</i>	2019-07-02	470.34	37.37	1.98
长柱沙参 <i>Adenophora stenanthina</i>	2019-07-02	430.19	39.70	2.33
大针茅 <i>Stipa grandis</i>	2019-07-02	448.56	20.01	1.02
狗娃花 <i>Heteropappus hispidus</i>	2019-07-17	445.00	37.40	1.75
矮韭 <i>Allium anisopodium</i>	2019-07-17	404.24	27.79	1.48
冰草 <i>Agropyron cristatum</i>	2019-07-17	447.53	21.95	1.05
糙隐子草 <i>Cleistogenes squarrosa</i>	2019-07-17	446.83	19.82	1.39
二裂委陵菜 <i>Potentilla bifurca</i>	2019-07-17	452.81	29.20	1.69
黄花葱 <i>Allium condensatum</i>	2019-07-17	405.07	20.20	1.19
裂叶荆芥 <i>Nepeta tenuifolia</i>	2019-07-17	452.04	23.05	1.38
麻花头 <i>Serratula centauroides</i>	2019-07-17	433.33	30.64	1.66
木地肤 <i>Kochia prostrata</i>	2019-07-17	413.13	27.25	1.84
[卅/洽]草 <i>Koeleria cristata</i>	2019-07-17	445.85	18.20	1.02
山韭 <i>Allium senescens</i>	2019-07-17	421.82	18.27	1.31
细叶韭 <i>Allium tenuissimum</i>	2019-07-17	431.05	24.20	1.53
小叶锦鸡儿 <i>Caragana microphylla</i>	2019-07-17	452.60	39.36	1.73
羊草 <i>Leymus chinensis</i>	2019-07-17	448.94	21.32	1.08
羽茅 <i>Achnatherum sibiricum</i>	2019-07-17	460.79	23.32	1.29
展枝唐松草 <i>Thalictrum squarrosom</i>	2019-07-17	474.75	33.00	1.46
长柱沙参 <i>Adenophora stenanthina</i>	2019-07-17	439.20	36.77	2.05
大针茅 <i>Stipa grandis</i>	2019-07-17	458.45	22.63	0.80
狗娃花 <i>Heteropappus hispidus</i>	2019-08-02	443.80	23.95	1.33
矮韭 <i>Allium anisopodium</i>	2019-08-02	423.49	25.70	1.38
冰草 <i>Agropyron cristatum</i>	2019-08-02	458.89	20.56	0.97
糙隐子草 <i>Cleistogenes squarrosa</i>	2019-08-02	452.11	17.96	1.22
二裂委陵菜 <i>Potentilla bifurca</i>	2019-08-02	419.97	21.05	1.33
黄花葱 <i>Allium condensatum</i>	2019-08-02	405.32	18.02	1.19
裂叶荆芥 <i>Nepeta tenuifolia</i>	2019-08-02	459.28	22.18	1.10
麻花头 <i>Serratula centauroides</i>	2019-08-02	442.79	26.41	1.32
木地肤 <i>Kochia prostrata</i>	2019-08-02	421.89	23.43	1.17
[卅/洽]草 <i>Koeleria cristata</i>	2019-08-02	443.10	18.92	1.30
山韭 <i>Allium senescens</i>	2019-08-02	423.29	20.43	1.34
细叶韭 <i>Allium tenuissimum</i>	2019-08-02	437.05	25.49	1.94
小叶锦鸡儿 <i>Caragana microphylla</i>	2019-08-02	455.25	35.03	1.53
羊草 <i>Leymus chinensis</i>	2019-08-02	449.98	24.14	1.42

附录 I (续表) Supplement I (Continued)

物种 Species	取样日期 Sampling date	碳含量 C concentration (mg g <sup>-1</sup> )	氮含量 N concentration (mg g <sup>-1</sup> )	磷含量 P concentration (mg g <sup>-1</sup> )
羽茅 <i>Achnatherum sibiricum</i>	2019-08-02	449.11	22.61	1.19
展枝唐松草 <i>Thalictrum squarrosom</i>	2019-08-02	461.40	39.47	2.20
长柱沙参 <i>Adenophora stenanthina</i>	2019-08-02	454.54	30.64	1.83
大针茅 <i>Stipa grandis</i>	2019-08-02	462.51	15.30	0.97
狗娃花 <i>Heteropappus hispidus</i>	2019-08-17	441.11	26.90	1.40
矮韭 <i>Allium anisopodium</i>	2019-08-17	413.20	29.90	2.09
冰草 <i>Agropyron cristatum</i>	2019-08-17	437.57	19.84	1.29
糙隐子草 <i>Cleistogenes squarrosa</i>	2019-08-17	447.37	18.93	1.16
二裂委陵菜 <i>Potentilla bifurca</i>	2019-08-17	458.56	23.74	1.68
黄花葱 <i>Allium condensatum</i>	2019-08-17	397.51	21.47	1.58
裂叶荆芥 <i>Nepeta tenuifolia</i>	2019-08-17	457.94	21.54	1.09
麻花头 <i>Serratula centauroides</i>	2019-08-17	444.54	23.36	1.39
木地肤 <i>Kochia prostrata</i>	2019-08-17	407.10	22.50	1.29
[+/洽]草 <i>Koeleria cristata</i>	2019-08-17	433.15	23.49	1.36
山韭 <i>Allium senescens</i>	2019-08-17	405.23	21.76	1.38
细叶韭 <i>Allium tenuissimum</i>	2019-08-17	413.53	22.83	1.49
小叶锦鸡儿 <i>Caragana microphylla</i>	2019-08-17	434.36	29.89	1.26
羊草 <i>Leymus chinensis</i>	2019-08-17	443.65	22.46	1.25
羽茅 <i>Achnatherum sibiricum</i>	2019-08-17	460.86	21.51	0.99
展枝唐松草 <i>Thalictrum squarrosom</i>	2019-08-17	448.05	34.76	1.93
长柱沙参 <i>Adenophora stenanthina</i>	2019-08-17	455.91	35.56	1.84
大针茅 <i>Stipa grandis</i>	2019-08-17	468.83	18.50	1.05
狗娃花 <i>Heteropappus hispidus</i>	2019-09-02	442.20	25.48	1.35
矮韭 <i>Allium anisopodium</i>	2019-09-02	405.14	29.50	2.26
冰草 <i>Agropyron cristatum</i>	2019-09-02	431.50	18.50	1.12
糙隐子草 <i>Cleistogenes squarrosa</i>	2019-09-02	439.69	15.78	0.92
二裂委陵菜 <i>Potentilla bifurca</i>	2019-09-02	442.25	26.57	1.70
黄花葱 <i>Allium condensatum</i>	2019-09-02	391.36	17.00	1.33
裂叶荆芥 <i>Nepeta tenuifolia</i>	2019-09-02	456.60	20.90	1.08
麻花头 <i>Serratula centauroides</i>	2019-09-02	429.13	21.27	1.21
木地肤 <i>Kochia prostrata</i>	2019-09-02	405.78	22.51	1.29
[+/洽]草 <i>Koeleria cristata</i>	2019-09-02	438.13	26.77	1.39
山韭 <i>Allium senescens</i>	2019-09-02	414.26	22.09	1.40
细叶韭 <i>Allium tenuissimum</i>	2019-09-02	420.21	34.01	2.25
小叶锦鸡儿 <i>Caragana microphylla</i>	2019-09-02	430.91	28.05	1.04
羊草 <i>Leymus chinensis</i>	2019-09-02	447.12	20.55	1.05
羽茅 <i>Achnatherum sibiricum</i>	2019-09-02	446.86	16.17	0.99
展枝唐松草 <i>Thalictrum squarrosom</i>	2019-09-02	438.91	30.05	1.67
长柱沙参 <i>Adenophora stenanthina</i>	2019-09-02	440.95	26.54	1.84
大针茅 <i>Stipa grandis</i>	2019-09-02	434.80	32.48	1.44