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附录I 植物茎秆和叶片养分生长盛期含量最大值、枯叶期含量和回收效率

Supplement I Nutrient concentration of culm and leaf at growth and senescence stage and resorption efficiency

物种 Species	器官 Organ	氮(N)含量最大值 Maximum Nitrogen (N) concentration (mg g ⁻¹)	枯叶期N含量 N concentration in senescence stage (mg g ⁻¹)	N回收效率 N resorption efficiency (%)	磷(P)含量最大值 Maximum Phosphorus (P) concentration (mg·g ⁻¹)	枯叶期P含量 P concentration in senescence stage (mg·g ⁻¹)	P回收效率 P resorption efficiency (%)
寸草 <i>Carex duriuscula</i>	叶片 Leaf	18.95 ^{efgh}	8.75 ^{efg}	70.00 ^{bcdef}	0.77 ^h	0.23 ^h	81.02 ^{bcde}
柄状薹草 <i>Carex pediformis</i>	叶片 Leaf	17.38 ^{fgh}	10.55 ^{cdef}	61.13 ^{fghi}	1.08 ^{fgh}	0.33 ^{fgh}	80.27 ^{bcdef}
狼针草 <i>Stipa baicalensis</i>	叶片 Leaf	16.10 ^{gh}	7.48 ^{fg}	66.37 ^{cdefgh}	0.87 ^{gh}	0.28 ^{gh}	76.10 ^{cdefg}
二裂委陵菜 <i>Potentilla bifurca</i>	叶片 Leaf	21.13 ^{defg}	12.33 ^{bcdef}	61.81 ^{efgh}	1.86 ^{cdef}	0.72 ^{defg}	74.58 ^{defg}
野鸢尾 <i>Iris dichotoma</i>	叶片 Leaf	20.42 ^{defg}	5.27 ^g	83.24 ^a	2.59 ^{bc}	0.11 ^h	97.15 ^a
龙蒿 <i>Artemisia dracunculoides</i>	叶片 Leaf	29.13 ^{bc}	9.23 ^{defg}	79.52 ^{ab}	2.38 ^{bcde}	0.42 ^{fgh}	88.64 ^{ab}
糙隐子草 <i>Cleistogenes squarrosa</i>	叶片 Leaf	20.55 ^{defg}	10.45 ^{cdef}	63.75 ^{efgh}	2.01 ^{cdef}	0.66 ^{efg}	76.65 ^{cdef}
落草 <i>Koeleria macrantha</i>	叶片 Leaf	20.93 ^{defg}	8.38 ^{efg}	71.39 ^{bcde}	2.39 ^{bcd}	0.42 ^{fgh}	87.16 ^{ab}
狭叶沙参 <i>Adenophora gmelinii</i>	叶片 Leaf	26.28 ^{cde}	12.60 ^{bcdef}	69.14 ^{cdefg}	2.61 ^{bc}	1.15 ^{abcd}	71.95 ^{efg}
广布野豌豆 <i>Vicia cracca</i>	叶片 Leaf	36.37 ^{ab}	23.55 ^a	58.42 ^{hi}	2.31 ^{bcde}	0.68 ^{efg}	80.59 ^{bcde}
达乌里芯芭 <i>Cymbaria daurica</i>	叶片 Leaf	20.23 ^{defgh}	15.77 ^{bc}	49.50 ⁱ	3.65 ^a	1.52 ^a	73.28 ^{defg}
阿尔泰狗娃花 <i>Aster altaicus</i>	叶片 Leaf	29.47 ^{bc}	16.27 ^b	64.68 ^{defgh}	2.92 ^{ab}	1.30 ^{ab}	71.08 ^{efgh}
囊花鸢尾 <i>Iris ventricosa</i>	叶片 Leaf	12.37 ^h	5.12 ^g	73.53 ^{bcd}	0.95 ^{gh}	0.19 ^h	86.59 ^{bc}
星毛委陵菜 <i>Potentilla acaulis</i>	叶片 Leaf	24.10 ^{cdef}	14.13 ^{bcd}	62.37 ^{efgh}	2.64 ^{abc}	1.17 ^{abcd}	71.15 ^{efgh}
麻花头 <i>Klasea centauroides</i>	叶片 Leaf	20.42 ^{defg}	10.10 ^{cdefg}	68.02 ^{cdefgh}	1.58 ^{efgh}	0.74 ^{def}	69.62 ^{fgh}
羊草 <i>Leymus chinensis</i>	叶片 Leaf	22.47 ^{cdefg}	8.07 ^{fg}	74.23 ^{abcd}	1.68 ^{defg}	0.41 ^{fgh}	82.55 ^{bcd}
披针叶野决明 <i>Thermopsis lanceolata</i>	叶片 Leaf	40.25 ^a	25.60 ^a	59.29 ^{fghi}	2.11 ^{bcde}	0.70 ^{efg}	78.28 ^{cdefg}
裂叶蒿 <i>Artemisia tanacetifolia</i>	叶片 Leaf	24.27 ^{cdef}	12.15 ^{bcdef}	67.75 ^{cdefgh}	2.12 ^{bcde}	0.96 ^{bcde}	71.00 ^{efgh}
冷蒿 <i>Artemisia frigida</i>	叶片 Leaf	26.38 ^{cd}	15.98 ^b	61.12 ^{fghi}	2.04 ^{cdef}	1.22 ^{abc}	61.69 ^h
瓣蕊唐松草 <i>Thalictrum petaloideum</i>	叶片 Leaf	27.28 ^{cd}	12.87 ^{bcdef}	69.40 ^{cdefg}	2.72 ^{abc}	0.98 ^{bcde}	77.03 ^{cdefg}
白头翁 <i>Pulsatilla chinensis</i>	叶片 Leaf	20.73 ^{defg}	13.23 ^{bcdef}	59.19 ^{ghi}	1.67 ^{defgh}	0.83 ^{cdef}	67.80 ^{gh}
菊叶委陵菜 <i>Potentilla tanacetifolia</i>	叶片 Leaf	35.85 ^{ab}	13.52 ^{bcde}	74.59 ^{abc}	2.57 ^{bc}	0.96 ^{bcde}	75.56 ^{defg}
龙蒿 <i>Artemisia dracunculoides</i>	茎秆 Culm	8.64 ^{cd}	4.22 ^d	68.29 ^a	1.07 ^{bcde}	0.15 ^e	91.06 ^{ab}
糙隐子草 <i>Cleistogenes squarrosa</i>	茎秆 Culm	16.32 ^{ab}	8.82 ^{abc}	61.46 ^b	1.53 ^{ab}	0.62 ^b	70.83 ^{cde}
狭叶沙参 <i>Adenophora gmelinii</i>	茎秆 Culm	9.65 ^{cd}	5.23 ^d	65.09 ^{ab}	0.76 ^{de}	0.31 ^{cde}	73.79 ^{cde}
广布野豌豆 <i>Vicia cracca</i>	茎秆 Culm	18.55 ^a	10.80 ^a	60.68 ^b	1.26 ^{abc}	0.26 ^{de}	86.97 ^{ab}
达乌里芯芭 <i>Cymbaria daurica</i>	茎秆 Culm	13.85 ^{abc}	10.50 ^{ab}	51.23 ^c	1.22 ^{abcd}	0.61 ^{bc}	67.48 ^e

附录I (续) Supplement I (Continued)

物种 Species	器官 Organ	氮(N)含量最大值 Maximum Nitrogen (N) concentration (mg g ⁻¹)	枯叶期N含量 N concentration in senescence stage (mg g ⁻¹)	N回收效率 N resorption efficiency (%)	磷(P)含量最大值 Maximum Phosphorus (P) concentration (mg·g ⁻¹)	枯叶期P含量 P concentration in senescence stage (mg·g ⁻¹)	P回收效率 P resorption efficiency (%)
阿尔泰狗娃花 <i>Aster altaicus</i>	茎秆 Culm	13.57 ^{abc}	7.93 ^{abcd}	63.10 ^{ab}	1.12 ^{bcd}	0.5 ^{bcd}	71.13 ^{de}
麻花头 <i>Klasea centauroides</i>	茎秆 Culm	6.65 ^d	4.13 ^d	59.68 ^b	0.66 ^e	0.16 ^e	82.75 ^{abcd}
羊草 <i>Leymus chinensis</i>	茎秆 Culm	9.28 ^{cd}	4.60 ^d	63.29 ^{ab}	0.92 ^{cde}	0.20 ^{de}	84.39 ^{abc}
披针叶野决明 <i>Thermopsis lanceolata</i>	茎秆 Culm	18.94 ^a	11.04 ^a	61.41 ^b	1.53 ^{ab}	0.17 ^e	92.67 ^a
冷蒿 <i>Artemisia frigida</i>	茎秆 Culm	11.76 ^{bcd}	7.04 ^{bcd}	61.53 ^{ab}	1.72 ^a	0.99 ^a	63.04 ^e
瓣蕊唐松草 <i>Thalictrum petaloideum</i>	茎秆 Culm	9.85 ^{cd}	6.23 ^{cd}	59.41 ^b	1.25 ^{abc}	0.44 ^{bcd}	77.49 ^{bcd}

表中数据为平均值。数据标注不同小写字母表示在相同器官中该指标差异显著($p < 0.05$)。

Data in the table is mean. Different lowercase indicate significant differences within the same organ ($p < 0.05$).