

Species	Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
<i>Achillea borealis</i>	Period	1	1834.2515	1834.25	3.7561	0.0555
	Error	99	48345.9069	488.34		
	C. Total	100	50180.1584			
<i>Achillea millefolium</i>	Period	1	48.6	48.6	0.0786	0.7824
	Error	18	11127.2	618.18		
	C. Total	19	11175.8			
<i>Achillea sibirica</i>	Period	1	32.5952	32.6	0.1558	0.6974
	Error	19	3974.6429	209.19		
	C. Total	20	4007.2381			
<i>Anaphalis margaritacea</i>	Period	1	3109.045	3109.05	6.2118	0.0211
	Error	21	10510.6071	500.51		
	C. Total	22	13619.6522			
<i>Antennaria monocephala</i>	Period	1	147.8877	147.89	0.2912	0.5922
	Error	44	22343.4167	507.8		
	C. Total	45	22491.3043			
<i>Arnica alpina</i>	Period	1	5.2214	5.22	0.0053	0.9421
	Error	63	61769.3939	980.47		
	C. Total	64	61774.6154			
<i>Arnica angustifolia</i>	Period	1	1274.49	1274.49	7.6621	0.0109
	Error	23	3825.75	166.34		
	C. Total	24	5100.24			
<i>Arnica chamissonis</i>	Period	1	31.977	31.98	0.0915	0.7645
	Error	28	9780.323	349.3		
	C. Total	29	9812.3			
<i>Arnica griscomii</i>	Period	1	1264.2881	1264.29	3.8174	0.0547
	Error	71	23514.6708	331.19		
	C. Total	72	24778.9589			
<i>Arnica lessingii</i>	Period	1	81.964	81.96	0.1982	0.6576
	Error	69	28540.8248	413.64		
	C. Total	70	28622.7887			
<i>Arnica lonchophylla</i>	Period	1	1210	1210	1.6729	0.232
	Error	8	5786.4	723.3		
	C. Total	9	6996.4			

<i>Arnica unalashcensis</i>	Period	1	3295.2732	3295.27	4.7337	0.0417
	Error	20	13922.5905	696.13		
	C. Total	21	17217.8636			
<i>Artemisia arctica</i>	Period	1	718.8303	718.83	2.1636	0.1442
	Error	109	36214.1967	332.24		
	C. Total	110	36933.027			
<i>Artemisia borealis</i>	Period	1	44.5266	44.53	0.074	0.7871
	Error	36	21651.8155	601.44		
	C. Total	37	21696.3421			
<i>Artemisia frigida</i>	Period	1	64.2222	64.22	0.0899	0.7681
	Error	16	11425.7778	714.11		
	C. Total	17	11490			
<i>Artemisia globularia</i>	Period	1	106.7778	106.78	0.3844	0.544
	Error	16	4444.3333	277.77		
	C. Total	17	4551.1111			
<i>Artemisia glomerata</i>	Period	1	332.5019	332.5	2.4904	0.1302
	Error	20	2670.2708	133.51		
	C. Total	21	3002.7727			
<i>Artemisia tilesii</i>	Period	1	101.849	101.85	0.2773	0.5994
	Error	129	47375.8151	367.25		
	C. Total	130	47477.6641			
<i>Astragalus alpinus</i>	Period	1	200.9916	200.99	0.3139	0.5762
	Error	140	89629.3746	640.21		
	C. Total	141	89830.3662			
<i>Astragalus australis</i>	Period	1	542.8008	542.8	1.166	0.2901
	Error	26	12103.8778	465.53		
	C. Total	27	12646.6786			
<i>Astragalus eucosmus</i>	Period	1	589.2161	589.22	1.6497	0.2082
	Error	32	11429.0486	357.16		
	C. Total	33	12018.2647			
<i>Astragalus umbellatus</i>	Period	1	323.3078	323.31	1.0181	0.317
	Error	61	19371.2954	317.56		
	C. Total	62	19694.6032			
<i>Astragalus williamsii</i>	Period	1	3224.381	3224.38	2.6194	0.1315
	Error	12	14771.3333	1230.94		
	C. Total	13	17995.7143			

<i>Astragalus yukonis</i>	Period	1	208.5444	208.54	0.6481	0.4353
	Error	13	4183.0556	321.77		
	C. Total	14	4391.6			
<i>Carex aenea</i>	Period	1	25.7576	25.76	0.0616	0.8074
	Error	15	6274.2424	418.28		
	C. Total	16	6300			
<i>Carex anthoxanthea</i>	Period	1	973.28	973.28	2.7516	0.1155
	Error	17	6013.141	353.71		
	C. Total	18	6986.4211			
<i>Carex aquatilis</i>	Period	1	2043.0628	2043.06	3.7762	0.0531
	Error	244	132013.2299	541.04		
	C. Total	245	134056.2927			
<i>Carex atrofusca</i>	Period	1	1933.4609	1933.46	5.5406	0.0218
	Error	61	21286.8565	348.96		
	C. Total	62	23220.3175			
<i>Carex bigelowii</i>	Period	1	8395.9333	8395.93	25.8681	<.0001
	Error	133	43167.4	324.57		
	C. Total	134	51563.3333			
<i>Carex bipartita</i>	Period	1	2015.9548	2015.95	7.561	0.0078
	Error	63	16797.4298	266.63		
	C. Total	64	18813.3846			
<i>Carex bonanzensis</i>	Period	1	308.2667	308.27	0.9621	0.3433
	Error	14	4485.7333	320.41		
	C. Total	15	4794			
<i>Carex brunnescens</i>	Period	1	54.351	54.35	0.103	0.75
	Error	37	19520.6234	527.58		
	C. Total	38	19574.9744			
<i>Carex canescens</i>	Period	1	24.2301	24.23	0.0486	0.8259
	Error	95	47337.5431	498.29		
	C. Total	96	47361.7732			
<i>Carex capillaris</i>	Period	1	3.4672	3.47	0.0058	0.9395
	Error	97	58011.8257	598.06		
	C. Total	98	58015.2929			
<i>Carex capitata</i>	Period	1	276.8717	276.87	0.6912	0.4106
	Error	41	16422.5702	400.55		
	C. Total	42	16699.4419			

<i>Carex chordorrhiza</i>	Period	1	928.2667	928.27	2.6802	0.1141
	Error	25	8658.4	346.34		
	C. Total	26	9586.6667			
<i>Carex circinata</i>	Period	1	1374.3686	1374.37	2.2565	0.1538
	Error	15	9135.8667	609.06		
	C. Total	16	10510.2353			
<i>Carex concinna</i>	Period	1	6.4	6.4	0.0185	0.8926
	Error	38	13169.2	346.56		
	C. Total	39	13175.6			
<i>Carex concolor</i>	Period	1	630	630	1.8114	0.1863
	Error	38	13216	347.79		
	C. Total	39	13846			
<i>Carex consimilis</i>	Period	1	22.9136	22.91	0.0697	0.7956
	Error	14	4602.8364	328.77		
	C. Total	15	4625.75			
<i>Carex diandra</i>	Period	1	678.501	678.5	1.7404	0.2083
	Error	14	5457.9365	389.85		
	C. Total	15	6136.4375			
<i>Carex disperma</i>	Period	1	0.3214	0.32	0.0006	0.9799
	Error	26	12964.3571	498.63		
	C. Total	27	12964.6786			
<i>Carex garberi</i>	Period	1	2.025	2.03	0.0063	0.9378
	Error	16	5158.475	322.4		
	C. Total	17	5160.5			
<i>Carex glacialis</i>	Period	1	256.9429	256.94	0.6274	0.4341
	Error	32	13105.0571	409.53		
	C. Total	33	13362			
<i>Carex glareosa</i>	Period	1	381.5528	381.55	0.88	0.3526
	Error	51	22111.9189	433.57		
	C. Total	52	22493.4717			
<i>Carex gmelinii</i>	Period	1	8.6968	8.7	0.0123	0.9125
	Error	32	22689.5385	709.05		
	C. Total	33	22698.2353			
<i>Carex gynocrates</i>	Period	1	858.3353	858.34	1.6007	0.2129
	Error	41	21985.4321	536.23		
	C. Total	42	22843.7674			

<i>Carex lachenalii</i>	Period	1	75.5714	75.57	0.3274	0.5721
	Error	26	6002.1429	230.85		
	C. Total	27	6077.7143			
<i>Carex leptalea</i>	Period	1	629.7268	629.73	0.4056	0.529
	Error	30	46571.9919	1552.4		
	C. Total	31	47201.7188			
<i>Carex loliacea</i>	Period	1	229.4303	229.43	1.0655	0.3149
	Error	19	4091.2364	215.33		
	C. Total	20	4320.6667			
<i>Carex lugens</i>	Period	1	23.9274	23.93	0.0526	0.8194
	Error	58	26374.9226	454.74		
	C. Total	59	26398.85			
<i>Carex lyngbyei</i>	Period	1	1305.8536	1305.85	1.7862	0.1838
	Error	126	92114.0214	731.06		
	C. Total	127	93419.875			
<i>Carex macloviana</i>	Period	1	762.2548	762.25	1.0983	0.2994
	Error	53	36783.3816	694.03		
	C. Total	54	37545.6364			
<i>Carex macrochaeta</i>	Period	1	108.6736	108.67	0.1333	0.716
	Error	86	70131.2241	815.48		
	C. Total	87	70239.8977			
<i>Carex maritima</i>	Period	1	476.3249	476.32	2.162	0.1471
	Error	56	12337.951	220.32		
	C. Total	57	12814.2759			
<i>Carex media</i>	Period	1	3176.127	3176.13	10.5351	<.01
	Error	36	10853.2677	301.48		
	C. Total	37	14029.3947			
<i>Carex membranacea</i>	Period	1	450.8007	450.8	1.0374	0.3102
	Error	138	59965.8493	434.54		
	C. Total	139	60416.65			
<i>Carex mertensii</i>	Period	1	446.3716	446.37	0.6118	0.4397
	Error	33	24077.1713	729.61		
	C. Total	34	24523.5429			
<i>Carex microchaeta</i>	Period	1	326.155	326.16	1.4497	0.2403
	Error	24	5399.3835	224.97		
	C. Total	25	5725.5385			

<i>Carex misandra</i>	Period	1	702.9298	702.93	1.8809	0.1749
	Error	65	24291.7567	373.72		
	C. Total	66	24994.6866			
<i>Carex montanensis</i>	Period	1	125.0865	125.09	0.344	0.5626
	Error	26	9453.8778	363.61		
	C. Total	27	9578.9643			
<i>Carex nardina</i>	Period	1	1.1429	1.14	0.0041	0.9493
	Error	61	17095.7143	280.26		
	C. Total	62	17096.8571			
<i>Carex nigricans</i>	Period	1	1972.25	1972.25	5.623	0.0274
	Error	21	7365.75	350.75		
	C. Total	22	9338			
<i>Carex pauciflora</i>	Period	1	712.8	712.8	1.0879	0.3146
	Error	14	9173.2	655.23		
	C. Total	15	9886			
<i>Carex paupercula</i>	Period	1	838.1909	838.19	4.7897	0.0413
	Error	19	3324.9519	175		
	C. Total	20	4163.1429			
<i>Carex physocarpa</i>	Period	1	27.4413	27.44	0.0652	0.7991
	Error	75	31546.5068	420.62		
	C. Total	76	31573.9481			
<i>Carex pluriflora</i>	Period	1	110.8381	110.84	0.2273	0.6365
	Error	35	17066.8916	487.63		
	C. Total	36	17177.7297			
<i>Carex podocarpa</i>	Period	1	5448.6629	5448.66	14.7508	<.001
	Error	83	30658.5842	369.38		
	C. Total	84	36107.2471			
<i>Carex praticola</i>	Period	1	242.881	242.88	0.7404	0.4002
	Error	19	6232.3571	328.02		
	C. Total	20	6475.2381			
<i>Carex rariflora</i>	Period	1	3433.224	3433.22	8.2537	0.0059
	Error	52	21630.0353	415.96		
	C. Total	53	25063.2593			
<i>Carex rossii</i>	Period	1	7.255	7.26	0.0565	0.8144
	Error	21	2696.4841	128.4		
	C. Total	22	2703.7391			

<i>Carex rostrata</i>	Period	1	22.9201	22.92	0.0577	0.8109
	Error	62	24617.8143	397.06		
	C. Total	63	24640.7344			
<i>Carex rotundata</i>	Period	1	292.8099	292.81	1.0303	0.3146
	Error	54	15346.1722	284.19		
	C. Total	55	15638.9821			
<i>Carex rupestris</i>	Period	1	177.1905	177.19	0.2603	0.6142
	Error	26	17701.2381	680.82		
	C. Total	27	17878.4286			
<i>Carex saxatilis</i>	Period	1	108.7128	108.71	0.3441	0.5594
	Error	67	21167.2292	315.93		
	C. Total	68	21275.942			
<i>Carex scirpoidea</i>	Period	1	1585.8268	1585.83	2.5531	0.1125
	Error	130	80746.802	621.13		
	C. Total	131	82332.6288			
<i>Carex stans</i>	Period	1	31.774	31.77	0.0694	0.7954
	Error	17	7787.9103	458.11		
	C. Total	18	7819.6842			
<i>Carex stylosa</i>	Period	1	612.0002	612	1.9846	0.1703
	Error	27	8326.1377	308.38		
	C. Total	28	8938.1379			
<i>Carex subspathacea</i>	Period	1	1319.0649	1319.06	4.2549	0.0493
	Error	26	8060.3636	310.01		
	C. Total	27	9379.4286			
<i>Carex tenuiflora</i>	Period	1	843.0626	843.06	2.2938	0.1473
	Error	18	6615.7374	367.54		
	C. Total	19	7458.8			
<i>Carex ursina</i>	Period	1	72.0471	72.05	0.2905	0.594
	Error	29	7192.1465	248.01		
	C. Total	30	7264.1935			
<i>Carex vaginata</i>	Period	1	126.75	126.75	0.4985	0.4836
	Error	47	11949.25	254.24		
	C. Total	48	12076			
<i>Carex williamsii</i>	Period	1	3678.4524	3678.45	21.3569	<.001
	Error	19	3272.5	172.24		
	C. Total	20	6950.9524			

<i>Crepis nana</i>	Period	1	133.8788	133.88	0.1548	0.6967
	Error	31	26805.6364	864.7		
	C. Total	32	26939.5152			
<i>Dendranthema arcticum</i>	Period	1	2127.1912	2127.19	2.6432	0.1094
	Error	58	46676.5421	804.77		
	C. Total	59	48803.7333			
<i>Dendranthema integrifolium</i>	Period	1	16.8946	16.89	0.0269	0.8707
	Error	32	20093.3407	627.92		
	C. Total	33	20110.2353			
<i>Eleocharis acicularis</i>	Period	1	154.6685	154.67	0.4946	0.4884
	Error	25	7817.1833	312.69		
	C. Total	26	7971.8519			
<i>Eleocharis palustris</i>	Period	1	251.6585	251.66	0.4712	0.5017
	Error	17	9079.2889	534.08		
	C. Total	18	9330.9474			
<i>Erigeron acris</i>	Period	1	717.5675	717.57	2.7064	0.1063
	Error	49	12991.6089	265.13		
	C. Total	50	13709.1765			
<i>Erigeron compositus</i>	Period	1	1089.5893	1089.59	3.0474	0.0911
	Error	30	10726.2857	357.54		
	C. Total	31	11815.875			
<i>Erigeron glabellus</i>	Period	1	22.881	22.88	0.0754	0.7883
	Error	12	3642.8333	303.57		
	C. Total	13	3665.7143			
<i>Erigeron humilis</i>	Period	1	921.585	921.59	1.7108	0.1959
	Error	60	32321.1892	538.69		
	C. Total	61	33242.7742			
<i>Erigeron hyperboreus</i>	Period	1	102.4	102.4	0.4779	0.5089
	Error	8	1714	214.25		
	C. Total	9	1816.4			
<i>Erigeron peregrinus</i>	Period	1	2610.1339	2610.13	5.7053	0.02
	Error	62	28364.3504	457.49		
	C. Total	63	30974.4844			
<i>Erigeron purpuratus</i>	Period	1	534.0014	534	1.779	0.1966
	Error	21	6303.6508	300.17		
	C. Total	22	6837.6522			

<i>Erigeron uniflorus</i>	Period	1	6.6667	6.67	0.0145	0.9049
	Error	38	17499.7083	460.52		
	C. Total	39	17506.375			
<i>Eriophorum angustifolium</i>	Period	1	18.6463	18.65	0.0262	0.8714
	Error	250	177590.9211	710.36		
	C. Total	251	177609.5675			
<i>Eriophorum brachyantherum</i>	Period	1	215.6629	215.66	0.4721	0.4961
	Error	39	17817.3615	456.86		
	C. Total	40	18033.0244			
<i>Eriophorum callitrix</i>	Period	1	7.7143	7.71	0.0165	0.8998
	Error	12	5599.5	466.63		
	C. Total	13	5607.2143			
<i>Eriophorum russeolum</i>	Period	1	54.882	54.88	0.0532	0.8187
	Error	44	45432.3571	1032.55		
	C. Total	45	45487.2391			
<i>Eriophorum scheuchzeri</i>	Period	1	1685.0863	1685.09	3.3571	0.0687
	Error	171	85833.9079	501.95		
	C. Total	172	87518.9942			
<i>Eriophorum vaginatum</i>	Period	1	2554.4003	2554.4	3.6444	0.0602
	Error	72	50465.4375	700.91		
	C. Total	73	53019.8378			
<i>Eurybia sibirica</i>	Period	1	161.7243	161.72	0.3494	0.5555
	Error	127	58780.4307	462.84		
	C. Total	128	58942.155			
<i>Hedysarum alpinum</i>	Period	1	537.5759	537.58	1.375	0.2429
	Error	141	55125.6968	390.96		
	C. Total	142	55663.2727			
<i>Hedysarum mackenziei</i>	Period	1	761.1136	761.11	1.1746	0.2846
	Error	42	27214.7727	647.97		
	C. Total	43	27975.8864			
<i>Hieracium triste</i>	Period	1	844.36	844.36	2.604	0.1197
	Error	24	7781.9861	324.25		
	C. Total	25	8626.3462			
<i>Kobresia simpliciuscula</i>	Period	1	1763.6961	1763.7	4.3217	0.043
	Error	48	19589.1239	408.11		
	C. Total	49	21352.82			

<i>Lathyrus japonicus</i>	Period	1	241.7791	241.78	0.4944	0.486
	Error	41	20052.1278	489.08		
	C. Total	42	20293.907			
<i>Lathyrus maritimus</i>	Period	1	322.5916	322.59	0.4552	0.5056
	Error	27	19134.5808	708.69		
	C. Total	28	19457.1724			
<i>Lathyrus palustris</i>	Period	1	3700.2473	3700.25	10.0527	<.01
	Error	38	13987.2527	368.09		
	C. Total	39	17687.5			
<i>Lupinus nootkatensis</i>	Period	1	172.293	172.29	0.2824	0.5974
	Error	51	31114.2353	610.08		
	C. Total	52	31286.5283			
<i>Lupinus polyphyllus</i>	Period	1	2832.6251	2832.63	5.4459	0.0223
	Error	75	39010.3619	520.14		
	C. Total	76	41842.987			
<i>Matricaria matricarioides</i>	Period	1	34.8921	34.89	0.097	0.7573
	Error	34	12224.7468	359.55		
	C. Total	35	12259.6389			
<i>Oxytropis campestris</i>	Period	1	120.1429	120.14	0.2341	0.6298
	Error	82	42084	513.22		
	C. Total	83	42204.1429			
<i>Oxytropis deflexa</i>	Period	1	5.1011	5.1	0.0174	0.8959
	Error	29	8493.0924	292.87		
	C. Total	30	8498.1935			
<i>Oxytropis koyukukensis</i>	Period	1	705.3333	705.33	2.1082	0.1772
	Error	10	3345.6667	334.57		
	C. Total	11	4051			
<i>Oxytropis maydelliana</i>	Period	1	762.0286	762.03	1.9833	0.1649
	Error	53	20363.3533	384.21		
	C. Total	54	21125.3818			
<i>Oxytropis nigrescens</i>	Period	1	504.0082	504.01	1.1763	0.2904
	Error	21	8997.6439	428.46		
	C. Total	22	9501.6522			
<i>Oxytropis scammaniana</i>	Period	1	285.7601	285.76	1.5065	0.2453
	Error	11	2086.5476	189.69		
	C. Total	12	2372.3077			

<i>Oxytropis viscida</i>	Period	1	117.9635	117.96	0.2312	0.6335
	Error	36	18367.8523	510.22		
	C. Total	37	18485.8158			
<i>Packera cymbalaria</i>	Period	1	541.5521	541.55	2.4835	0.1346
	Error	16	3488.8923	218.06		
	C. Total	17	4030.4444			
<i>Packera hyperborealis</i>	Period	1	552.0667	552.07	1.9601	0.1785
	Error	18	5069.7333	281.65		
	C. Total	19	5621.8			
<i>Packera indecora</i>	Period	1	2082.5485	2082.55	3.4944	0.0944
	Error	9	5363.6333	595.96		
	C. Total	10	7446.1818			
<i>Packera paupercula</i>	Period	1	1.2595	1.26	0.0065	0.9375
	Error	10	1947.6571	194.77		
	C. Total	11	1948.9167			
<i>Packera streptanthifolia</i>	Period	1	438.6298	438.63	0.9491	0.3477
	Error	13	6008.3036	462.18		
	C. Total	14	6446.9333			
<i>Petasites frigidus</i>	Period	1	63.7659	63.77	0.1141	0.736
	Error	144	80453.7478	558.71		
	C. Total	145	80517.5137			
<i>Saussurea angustifolia</i>	Period	1	0.0023	0	0	0.9983
	Error	82	40226.8906	490.57		
	C. Total	83	40226.8929			
<i>Senecio atropurpureus</i>	Period	1	392.2049	392.2	1.0374	0.3109
	Error	99	37427.2802	378.05		
	C. Total	100	37819.4851			
<i>Senecio congestus</i>	Period	1	574.4125	574.41	1.8856	0.1752
	Error	56	17059.7426	304.64		
	C. Total	57	17634.1552			
<i>Senecio lugens</i>	Period	1	995.118	995.12	2.0901	0.1513
	Error	102	48563.7954	476.12		
	C. Total	103	49558.9135			
<i>Senecio pseudoelegans</i>	Period	1	53.7397	53.74	0.2937	0.5978
	Error	12	2195.6889	182.97		
	C. Total	13	2249.4286			

<i>Senecio resedifolius</i>	Period	1	819.9894	819.99	1.129	0.2974
	Error	27	19610.7692	726.32		
	C. Total	28	20430.7586			
<i>Senecio triangularis</i>	Period	1	763.9545	763.95	1.776	0.1976
	Error	20	8603	430.15		
	C. Total	21	9366.9545			
<i>Senecio yukonensis</i>	Period	1	432.1429	432.14	4.2157	0.0541
	Error	19	1947.6667	102.51		
	C. Total	20	2379.8095			
<i>Solidago canadensis</i>	Period	1	1025.0068	1025.01	3.2803	0.0805
	Error	29	9061.8319	312.48		
	C. Total	30	10086.8387			
<i>Solidago decumbens</i>	Period	1	156.114	156.11	0.8423	0.3716
	Error	17	3150.8333	185.34		
	C. Total	18	3306.9474			
<i>Solidago multiradiata</i>	Period	1	195.7216	195.72	0.4566	0.5004
	Error	137	58724.0194	428.64		
	C. Total	138	58919.741			
<i>Taraxacum ceratophorum</i>	Period	1	946.1634	946.16	1.8097	0.1858
	Error	42	21958.9957	522.83		
	C. Total	43	22905.1591			
<i>Taraxacum phymatocarpum</i>	Period	1	270.4	270.4	0.5342	0.4857
	Error	8	4049.6	506.2		
	C. Total	9	4320			
<i>Trichophorum cespitosum</i>	Period	1	679.167	679.17	1.0833	0.3005
	Error	99	62070.0013	626.97		
	C. Total	100	62749.1683			
<i>Trifolium repens</i>	Period	1	0.1	0.1	0.0002	0.988
	Error	13	5564.8333	428.06		
	C. Total	14	5564.9333			
<i>Tripleurospermum maritimum</i>	Period	1	1089.5873	1089.59	5.829	0.026
	Error	19	3551.5556	186.92		
	C. Total	20	4641.1429			