

Table. Range of variation in landscape structure for Mountain Shrubland under the simulated HRV disturbance scenario on the Uncompahgre Plateau Landscape, Colorado.

Landscape Metric	Condition Class (seral stage)	Percentiles of Simulated Distribution							CV ¹
		0	5	25	50	75	95	100	
<i>Seral Stage Composition</i> ²									
PLAND	Herbs - Shrubs	0.27	1.69	3.42	4.69	5.87	8.24	12.37	140
	Early Shrub Dominated	0.64	2.46	4.03	5.19	6.68	8.45	12.80	115
	Late Shrub Dominated	3.12	5.26	6.91	8.32	9.44	11.44	12.98	74
<i>Class Configuration</i> ³									
PD	Herbs - Shrubs	0.09	0.16	0.31	0.38	0.45	0.55	0.67	101
	Early Shrub Dominated	0.14	0.24	0.35	0.42	0.50	0.58	0.73	81
	Late Shrub Dominated	0.38	0.46	0.57	0.66	0.73	0.81	0.91	53
ED	Herbs - Shrubs	1.00	4.30	8.53	11.46	14.36	19.49	27.52	133
	Early Shrub Dominated	2.03	6.33	10.11	12.63	15.99	20.00	29.77	108
	Late Shrub Dominated	8.62	13.49	17.44	21.21	23.70	28.47	31.58	71
AREA_MN	Herbs - Shrubs	3.11	8.31	10.59	12.35	14.23	16.65	20.43	68
	Early Shrub Dominated	4.49	8.49	10.92	12.75	14.03	16.29	20.65	61
	Late Shrub Dominated	7.91	10.52	11.65	12.57	13.50	14.54	16.10	32
AREA_AM	Herbs - Shrubs	44.15	383.93	1033.37	1669.08	3047.24	6739.01	13804.37	381
	Early Shrub Dominated	60.28	411.18	1042.13	1746.09	2888.78	6031.51	14381.85	322
	Late Shrub Dominated	624.08	1234.23	1779.92	2358.37	3307.01	5165.17	9144.09	167
GYRATE_AM	Herbs - Shrubs	252.25	762.20	1335.13	1777.27	2527.01	4392.96	6104.93	204
	Early Shrub Dominated	280.30	834.82	1335.85	1868.03	2534.75	3958.93	6508.91	167
	Late Shrub Dominated	1102.76	1689.97	2116.54	2467.04	3063.87	4009.89	6259.85	94
SHAPE_MN	Herbs - Shrubs	1.69	1.87	1.94	1.97	1.99	2.02	2.05	7
	Early Shrub Dominated	1.73	1.88	1.93	1.96	1.98	2.01	2.04	6
	Late Shrub Dominated	1.90	1.93	1.97	1.99	2.01	2.02	2.06	5
SHAPE_AM	Herbs - Shrubs	3.18	7.10	11.51	14.77	19.13	30.90	48.28	161
	Early Shrub Dominated	3.11	7.44	11.31	14.85	18.68	28.18	44.55	140
	Late Shrub Dominated	9.12	13.72	16.09	18.78	22.26	27.49	37.50	73
CPLAND	Herbs - Shrubs	0.17	1.13	2.39	3.36	4.25	6.21	9.79	151
	Early Shrub Dominated	0.47	1.74	2.84	3.70	4.71	6.11	9.35	118
	Late Shrub Dominated	1.93	3.51	4.69	5.55	6.37	7.62	8.67	74
CORE_MN	Herbs - Shrubs	2.01	5.68	7.37	8.85	10.37	12.60	16.03	78
	Early Shrub Dominated	3.29	5.88	7.50	8.86	10.01	12.02	15.81	69
	Late Shrub Dominated	4.89	6.94	7.77	8.42	9.09	9.93	11.66	35
CORE_AM	Herbs - Shrubs	35.29	285.03	809.73	1346.91	2339.65	5587.23	11821.92	394
	Early Shrub Dominated	45.78	316.27	821.78	1367.94	2218.84	4748.04	11954.86	324
	Late Shrub Dominated	456.69	906.98	1336.21	1799.45	2435.17	3728.02	6798.85	157
CAI_MN	Herbs - Shrubs	33.38	41.14	44.61	47.17	50.20	54.81	63.32	29
	Early Shrub Dominated	34.64	39.96	44.47	47.72	50.71	56.16	64.93	34

	Late Shrub Dominated	29.82	34.67	38.22	40.69	43.66	48.30	54.09	34
CAI_AM	Herbs - Shrubs	56.07	64.84	69.54	71.73	74.39	78.09	81.89	18
	Early Shrub Dominated	60.07	64.81	68.45	70.46	72.80	76.02	79.33	16
	Late Shrub Dominated	58.45	63.41	65.28	66.64	68.60	71.32	74.32	12
PROX_MN	Herbs - Shrubs	13.52	154.68	469.86	908.41	1725.70	5108.44	12506.50	545
	Early Shrub Dominated	14.34	172.85	475.08	961.52	1677.12	4562.43	12089.76	457
	Late Shrub Dominated	189.79	750.30	1142.80	1578.23	2445.95	3765.37	7454.94	191
PROX_AM	Herbs - Shrubs	16.73	164.11	438.13	982.21	2359.64	8980.80	24226.35	898
	Early Shrub Dominated	18.43	223.52	537.61	1150.11	2298.91	6584.78	21551.60	553
	Late Shrub Dominated	533.67	1309.30	2593.73	3895.43	5884.25	10548.08	23537.58	237
CWED	Herbs - Shrubs	0.24	1.05	2.11	2.96	3.75	5.20	6.69	140
	Early Shrub Dominated	0.34	1.52	2.48	3.35	4.28	5.48	7.87	118
	Late Shrub Dominated	2.45	3.55	4.81	5.91	6.75	8.27	9.16	80
TECI	Herbs - Shrubs	18.59	21.74	23.78	25.76	27.42	29.35	32.65	30
	Early Shrub Dominated	16.74	21.61	24.16	25.85	27.42	29.87	31.84	32
	Late Shrub Dominated	22.46	25.09	26.83	27.93	29.10	30.19	32.79	18
CLUMPY	Herbs - Shrubs	0.77	0.82	0.83	0.84	0.85	0.86	0.87	4
	Early Shrub Dominated	0.80	0.82	0.83	0.84	0.84	0.85	0.86	3
	Late Shrub Dominated	0.81	0.82	0.82	0.83	0.83	0.84	0.84	2
IJI	Herbs - Shrubs	52.50	60.72	64.11	65.78	67.36	69.30	71.45	13
	Early Shrub Dominated	60.48	62.75	64.97	66.17	67.47	69.42	72.38	10
	Late Shrub Dominated	66.46	68.56	69.71	70.48	71.35	73.03	74.94	6

¹CV = coefficient of variation in the simulated distribution, computed as the difference between the 5 and 95th percentiles divided by the median and multiplied by 100 to convert to a percentage. n/d = not defined (division by zero).

²Landscape composition here represents the distribution of area among seral stages for the corresponding cover type. PLAND = the percent of the landscape encompassed by the corresponding seral stage. Note, PLAND = the percentage of the entire landscape, not as a percent of the corresponding cover type.

³Landscape configuration here represents the spatial character, distribution, and arrangement of the corresponding cover type. The landscape metrics listed here are described in detail in the FRAGSTATS methods section. PD = patch density; ED = edge density; AREA_MN = mean patch size; AREA_AM = area-weighted mean patch size; GYRATE_AM = area-weighted mean patch radius of gyration (correlation length); SHAPE_MN = mean patch shape index; SHAPE_AM = area-weighted mean patch shape index; CPLAND = core area percent of landscape; CORE_MN = mean patch core area; CORE_AM = area-weighted mean patch core area; CAI_MN = mean patch core area index; CAI_AM = area-weighted mean patch core area index; PROX_MN = mean proximity index; PROX_AM = area-weighted mean proximity index; CWED = contrast-weighted edge density; TECI = total edge contrast index; CLUMPY = clumpiness index; IJI = interspersed and juxtaposition index.