

Table S1. Corrected Landfire BPS models used in this study. Types are: 1 = pine, 2 = dry mixed conifer. Both Low- and Moderate-Severity Fire Rotations were corrected, as explained in the text, by multiplying them each by 1.715. Then, all the “% of Total Fire” columns were recalculated.

Type	BPS_MODEL	BPS_NAME	Fire Rotat. (yrs)				% of Total Fire		
			High	Mod.	Low	All	High	Mod.	Low
2	10210_2_3_6_7	Klamath-Siskiyou Lower Montane Serpentine Mixed Conifer Woodland	229	120	19	15	6	13	81
1	10240_14_15_24	Madrean Lower Montane Pine-Oak Forest and Woodland	125	328	57	35	28	11	61
1	10240_25_27	Madrean Lower Montane Pine-Oak Forest and Woodland	60	51	19	11	19	22	59
1	10240_26	Madrean Lower Montane Pine-Oak Forest and Woodland	16	41	17	7	43	17	40
2	10260_15	Madrean Upper Montane Conifer-Oak Forest and Woodland	305	106	22	17	6	16	78
2	10270_2_3_7	Mediterr. Calif. Dry-Mesic Mixed Conifer Forest and Woodland	337	55	21	14	4	27	69
2	10270_4_5_6	Mediterr. Calif. Dry-Mesic Mixed Conifer Forest and Woodland	150	60	29	17	12	29	59
1	10300_2_3_4_5_6_7	Mediterr. Calif. Lower Montane Black Oak-Conifer Forest and Woodland	176	65	26	17	9	26	65
1	10310_2_3_4_5_6_12	Calif. Montane Jeffrey Pine(-Ponderosa Pine) Woodland	165	144	19	15	9	11	80
1	10310_7	Calif. Montane Jeffrey Pine(-Ponderosa Pine) Woodland	200	202	45	31	16	15	69
2	10450_1_7_8_9	N. Rocky Mt. Dry-Mesic Montane Mixed Conifer Forest	184	184	55	34	19	19	62
2	10450_21	N. Rocky Mt. Dry-Mesic Montane Mixed Conifer Forest	76	185	463	48	64	26	10
2	10451_10_19	N. Rocky Mt. Dry-Mesic Montane Mixed Conifer Forest-Ponderosa Pine-Do	148	87	67	30	20	35	45
2	10451_20	N. Rocky Mt. Dry-Mesic Montane Mixed Conifer Forest-Ponderosa Pine-Do	163	87	74	32	20	37	43
2	10452_10_19	N. Rocky Mt. Dry-Mesic Montane Mixed Conifer Forest-Larch	202	118	235	57	28	48	24
2	10454_20	N. Rocky Mt. Dry-Mesic Montane Mixed Conifer Forest-Lodgepole Pine	145	475	664	95	66	20	14
2	10510_15_16_17_22_23_24_25	S. Rocky Mt. Dry-Mesic Montane Mixed Conifer Forest and Woodland	90	132	24	17	18	13	69
2	10510_18_21	S. Rocky Mt. Dry-Mesic Montane Mixed Conifer Forest and Woodland	90	132	24	17	18	13	69
2	10510_27	S. Rocky Mt. Dry-Mesic Montane Mixed Conifer Forest and Woodland	279	98	57	32	11	33	56
2	10510_28	S. Rocky Mt. Dry-Mesic Montane Mixed Conifer Forest and Woodland	325	93	55	31	9	34	57
2	10510_29	S. Rocky Mt. Dry-Mesic Montane Mixed Conifer Forest and Woodland	94	132	24	17	18	12	70
2	10510_6	S. Rocky Mt. Dry-Mesic Montane Mixed Conifer Forest and Woodland	91	130	24	17	18	13	69
1	10530_10_19	N. Rocky Mt. Ponderosa Pine Woodland and Savanna	354	96	29	21	6	22	72
1	10531_1_7_8_9	N. Rocky Mt. Ponderosa Pine Woodland and Savanna-Mesic	273	134	33	24	9	18	73
1	10532_7_9	N. Rocky Mt. Ponderosa Pine Woodland and Savanna-Xeric	258	172	233	72	28	41	31
1	10540_13_14	S. Rocky Mt. Ponderosa Pine Woodland	254	67	47	25	10	38	52
1	10540_15_25	S. Rocky Mt. Ponderosa Pine Woodland	396	185	17	15	4	8	88
1	10540_16_23_24	S. Rocky Mt. Ponderosa Pine Woodland	280	388	34	28	10	7	83
1	10540_17	S. Rocky Mt. Ponderosa Pine Woodland	257	67	48	25	10	38	52
1	10540_20	S. Rocky Mt. Ponderosa Pine Woodland	232	132	33	24	10	18	72
1	10540_22	S. Rocky Mt. Ponderosa Pine Woodland	165	84	33	21	12	25	63
1	10540_28	S. Rocky Mt. Ponderosa Pine Woodland	505	273	41	33	7	12	81
1	10540_29	S. Rocky Mt. Ponderosa Pine Woodland	303	454	34	29	10	6	84

1	10540_33	S. Rocky Mt. Ponderosa Pine Woodland	511	273	51	40	8	14	78
1	10541_27	S. Rocky Mt. Ponderosa Pine Woodland-South	346	0	19	18	5	0	95
1	10542_27	S. Rocky Mt. Ponderosa Pine Woodland-North	505	274	53	41	8	15	77
1	10600_1_2_7	East Cascades Oak-Ponderosa Pine Forest and Woodland	383	1104	53	45	12	4	84
1	11170_13_15_28	S. Rocky Mt. Ponderosa Pine Savanna	368	0	19	18	5	0	95
1	11170_16_23_24	S. Rocky Mt. Ponderosa Pine Savanna	158	137	15	13	8	9	83
1	11170_20	S. Rocky Mt. Ponderosa Pine Savanna	392	129	31	23	6	18	76
1	11170_29	S. Rocky Mt. Ponderosa Pine Savanna	382	0	27	25	7	0	93
1	11170_33	S. Rocky Mt. Ponderosa Pine Savanna	461	0	34	32	7	0	93
1	11171_27	S. Rocky Mt. Ponderosa Pine Savanna-South	521	0	21	20	5	0	95
1	11172_27	S. Rocky Mt. Ponderosa Pine Savanna-North	460	0	34	32	7	0	93
1	11650_1_7_8	N. Rocky Mt. Foothill Conifer Wooded Steppe	124	681	216	71	57	10	33
1	11650_9	N. Rocky Mt. Foothill Conifer Wooded Steppe	204	256	39	29	14	11	75
1	11791_29_30	NW Great Plains-Black Hills Ponderosa Pine Woodland and Savanna-Low elev	307	451	34	29	9	7	84
1	11792_29_30	NW Great Plains-Black Hills Ponderosa Pine Woodland and Savanna-Savanna	387	0	26	24	6	0	94

Table S2. Historical fire rotations (FR) of high-severity fires in dry forests defined by this paper and by Parks et al. [4], based on Landfire BPS Models across the whole of each ecoregion, not just across BPS Models within recently burned areas, as is the case in Table 2 in the text. This large difference in scale is why fire rotations here at times differ from those in Table 2 in the text. Comparisons here show that dry forests using the Parks et al. [4] definitions and this study's definitions do not lead to much difference in historical fire rotations between the two studies. Also, note that fire rotations here and in Table 2 in the text are also generally not much different. These comparisons indicate that the exact BPS Model makeup of the forest type and whether BPS Models are analyzed only in recently burned areas or across the whole ecoregion do not have much effect in most cases. Note that Parks et al. did not include a Northeast ecoregion.

	Baker, this paper		Parks et al. [4]	
Ecoregion	Area (ha)	FR (yrs)	Area (ha)	FR (yrs)
<i>DRY FORESTS</i>				
All except Northeast	22,945,328	250	20,037,279	256
California Coast	651,586	271	589,878	280
Western Mountains	5,494,973	239	4,659,707	240
Northern Mountains	9,783,865	204	8,309,359	202
Southwest	7,014,904	305	6,478,335	321
Northeast	974,401	330	-	-
<i>PINE FORESTS</i>				
All except Northeast	10,439,376	298	9,149,786	312
California Coast	73,488	172	24,261	165
Western Mountains	2,875,906	217	2,171,064	213
Northern Mountains	1,966,283	316	1,959,446	317
Southwest	5,523,699	326	4,995,015	349
Northeast	902,416	344	-	-
<i>DRY MIXED-CONIFER FORESTS</i>				
All	12,505,952	204	10,887,493	202
California Coast	578,098	284	565,617	285
Western Mountains	2,619,067	263	2,488,643	264
Northern Mountains	7,817,582	176	6,349,913	166
Southwest	1,491,205	225	1,483,320	224