

Table S1. Values for density (trees/ha) and percent stocking (Stock) for the Missouri, US, Ozarks. Due to lack of a stocking chart for oaks in floodplain forests, stocking may be overestimated for some floodplain forests.

Expected vegetation state¹	Subsection	Land type	Landform	Density	Low	High	Stock	Low	High
Floodplain Forests	OZ15	Alluvial Plains	floodplains	326	170	424	138	72	179
Floodplain Forests	OZ6	Forest Breaks	floodplains	219	112	289	83	42	109
Floodplain Forests	OZ7	Forest Breaks	floodplains	151	78	198	61	31	79
Floodplain Forests	OZ4	Glades/Woodlands Oak Woodland/Forest	floodplains	120	68	146	41	23	50
Floodplain Forests	OZ6	Hills	floodplains	476	218	673	189	87	267
Floodplain Forests	OZ14	Oak-Pine Hills	floodplains	252	124	340	111	55	150
Floodplain Forests	OZ9	Oak-Pine Hills	floodplains	136	64	189	48	23	67
Forest	OZ6	Forest Breaks	valleys/toe slopes	193	90	269	62	29	86
Forest	OZ7	Forest Breaks	valleys/toe slopes	126	64	166	38	20	51
Forest	OZ10	Igneous Knobs Oak Woodland/Forest	valleys/toe slopes	280	126	399	100	45	142
Forest	OZ3	Hills Oak Woodland/Forest	valleys/toe slopes	228	146	266	65	42	76
Forest	OZ5	Hills Oak Woodland/Forest	valleys/toe slopes	116	63	146	28	15	36
Forest	OZ7	Hills	valleys/toe slopes	168	71	248	52	22	77
Forest	OZ10	Oak-Pine Hills	valleys/toe slopes	207	99	285	75	36	104
Forest	OZ14	Oak-Pine Hills	valleys/toe slopes	231	104	330	87	39	124
Forest	OZ8	Oak-Pine Hills	valleys/toe slopes	211	116	264	68	38	86
Forest	OZ9	Oak-Pine Hills	valleys/toe slopes	203	98	278	59	29	81
Forest	OZ9	Oak-Pine Hills	valleys/toe slopes	183	89	250	63	31	86
Glade/Savanna			gentle						
Mosaic	OZ6	Glades/Woodlands	uplands/slopes	133	81	162	43	26	52
Glade/Savanna	OZ10	Igneous Knobs	gentle	197	97	267	71	35	96

Mosaic Glade/Savanna Mosaic	OZ10	Igneous Knobs	uplands/slopes well-drained uplands/ridges	246	122	332	82	41	111
Oak Closed Woodland	OZ6	Forest Breaks	gentle uplands/slopes	145	71	198	46	22	63
Oak Closed Woodland	OZ6	Forest Breaks	well-drained uplands/ridges	161	80	216	52	26	70
Oak Closed Woodland	OZ7	Forest Breaks	well-drained uplands/ridges	144	74	190	44	23	58
Oak Closed Woodland	OZ12	Oak Savanna/Woodland Plains	valleys/toe slopes	197	81	296	82	34	123
Oak Closed Woodland	OZ6	Oak Woodland Plains and Hills	floodplains	145	74	192	36	21	43
Oak Closed Woodland	OZ6	Oak Woodland Plains and Hills	floodplains	98	57	117	56	29	75
Oak Closed Woodland	OZ7	Oak Woodland Plains and Hills	floodplains	129	73	156	47	27	57
Oak Closed Woodland	OZ4	Oak Woodland Plains and Hills	valleys/toe slopes	168	106	199	44	27	52
Oak Closed Woodland	OZ5	Oak Woodland Plains and Hills	valleys/toe slopes	169	97	207	50	29	61
Oak Closed Woodland	OZ6	Oak Woodland Plains and Hills	valleys/toe slopes	179	107	212	60	36	71
Oak Closed Woodland	OZ12	Oak Woodland/Forest Hills	gentle uplands/slopes	190	95	254	76	38	101
Oak Closed Woodland	OZ13	Oak Woodland/Forest Hills	gentle uplands/slopes	178	87	244	83	40	114
Oak Closed Woodland	OZ5	Oak Woodland/Forest Hills	gentle uplands/slopes	137	70	182	31	15	41
Oak Closed Woodland	OZ6	Oak Woodland/Forest Hills	gentle uplands/slopes	185	97	240	60	31	77
Oak Closed Woodland	OZ7	Oak Woodland/Forest Hills	gentle uplands/slopes	143	67	200	45	21	63

Oak Closed Woodland	OZ12	Oak Woodland/Forest Hills	well-drained uplands/ridges	243	122	324	83	42	111
Oak Closed Woodland	OZ13	Oak Woodland/Forest Hills	well-drained uplands/ridges	172	86	231	85	43	114
Oak Closed Woodland	OZ13	Oak Woodland/Forest Hills	well-drained uplands/ridges	435	151	618	143	50	204
Oak Closed Woodland	OZ3	Oak Woodland/Forest Hills	well-drained uplands/ridges	189	105	238	56	31	70
Oak Closed Woodland	OZ6	Oak Woodland/Forest Hills	well-drained uplands/ridges	174	88	231	54	27	71
Oak Closed Woodland	OZ7	Oak Woodland/Forest Hills	well-drained uplands/ridges	236	119	316	69	34	92
Oak Closed Woodland	OZ1	Prairie/Savanna Plains	flat lowlands	73	42	89	26	15	31
Oak Closed Woodland	OZ1	Prairie/Savanna Plains	floodplains	54	33	61	20	13	23
Oak Closed Woodland	OZ1	Prairie/Savanna Plains	valleys/toe slopes	94	59	108	34	22	39
Oak Open Woodland	OZ1	Oak Savanna/Woodland Plains	gentle uplands/slopes	63	40	71	23	14	25
Oak Open Woodland	OZ1	Oak Savanna/Woodland Plains	gentle uplands/slopes	105	62	130	33	19	40
Oak Open Woodland	OZ12	Oak Savanna/Woodland Plains	gentle uplands/slopes	207	86	308	78	33	117
Oak Open Woodland	OZ5	Oak Savanna/Woodland Plains	gentle uplands/slopes	123	64	160	17	9	21
Oak Open Woodland	OZ5	Oak Savanna/Woodland Plains	gentle uplands/slopes	135	71	174	18	11	22
Oak Open Woodland	OZ5	Oak Savanna/Woodland Plains	gentle uplands/slopes	98	62	111	22	14	25
Oak Open Woodland	OZ5	Oak Savanna/Woodland Plains	gentle uplands/slopes	81	47	98	32	17	41
Oak Open Woodland	OZ5	Oak Savanna/Woodland Plains	gentle uplands/slopes	68	37	85	37	19	48

Woodland		Plains	uplands/slopes							
Oak Open	OZ12	Oak Savanna/Woodland	well-drained	133	68	176	55	28	73	
Woodland		Plains	uplands/ridges							
Oak Open	OZ1	Oak Woodland Plains	gentle	83	44	108	28	16	33	
Woodland		and Hills	uplands/slopes							
Oak Open	OZ1	Oak Woodland Plains	gentle	90	53	110	30	16	39	
Woodland		and Hills	uplands/slopes							
Oak Open		Oak Woodland Plains	gentle							
Woodland	OZ4	and Hills	uplands/slopes	143	79	180	29	20	32	
Oak Open	OZ4	Oak Woodland Plains	gentle	309	173	396	34	20	41	
Woodland		and Hills	uplands/slopes							
Oak Open	OZ4	Oak Woodland Plains	gentle	120	70	146	35	19	44	
Woodland		and Hills	uplands/slopes							
Oak Open	OZ4	Oak Woodland Plains	gentle	109	73	120	72	40	92	
Woodland		and Hills	uplands/slopes							
Oak Open	OZ5	Oak Woodland Plains	gentle	212	100	296	23	12	29	
Woodland		and Hills	uplands/slopes							
Oak Open	OZ5	Oak Woodland Plains	gentle	89	49	110	24	11	34	
Woodland		and Hills	uplands/slopes							
Oak Open	OZ5	Oak Woodland Plains	gentle	99	57	122	28	16	35	
Woodland		and Hills	uplands/slopes							
Oak Open	OZ5	Oak Woodland Plains	gentle	95	51	121	29	16	36	
Woodland		and Hills	uplands/slopes							
Oak Open	OZ5	Oak Woodland Plains	gentle	95	45	133	69	33	97	
Woodland		and Hills	uplands/slopes							
Oak Open	OZ6	Oak Woodland Plains	gentle	76	44	94	26	15	32	
Woodland		and Hills	uplands/slopes							
Oak Open		Oak Woodland Plains	gentle							
Woodland	OZ6	and Hills	uplands/slopes	217	132	251	70	43	81	
Oak Open	OZ7	Oak Woodland Plains	gentle	111	59	142	34	18	43	
Woodland		and Hills	uplands/slopes							
Oak Open	OZ4	Oak Woodland Plains	well-drained	175	103	211	43	25	52	
Woodland		and Hills	uplands/ridges							

Oak Open Woodland	OZ5	Oak Woodland Plains and Hills	well-drained uplands/ridges	101	67	110	28	18	30
Oak Open Woodland	OZ6	Oak Woodland Plains and Hills	well-drained uplands/ridges	121	70	147	36	21	44
Oak Open Woodland	OZ1	Prairie Plains	gentle uplands/slopes	65	45	72	23	16	25
Oak Open Woodland	OZ11	Prairie Plains	gentle uplands/slopes	190	91	261	61	29	84
Oak Open Woodland	OZ1	Prairie/Savanna Plains	gentle uplands/slopes	85	52	98	29	18	33
Oak Open Woodland	OZ1	Prairie/Savanna Plains	gentle uplands/slopes	91	58	103	31	20	36
Pine/Oak Closed Woodland	OZ5	Prairie/Savanna Plains	gentle uplands/slopes	111	75	117	32	22	34
Pine/Oak Closed Woodland	OZ5	Oak Woodland Plains and Hills	gentle uplands/slopes	174	96	218	54	29	67
Pine/Oak Closed Woodland	OZ10	Oak-Pine Hills	gentle uplands/slopes	205	89	298	75	33	110
Pine/Oak Closed Woodland	OZ14	Oak-Pine Hills	gentle uplands/slopes	169	92	215	59	30	79
Pine/Oak Closed Woodland	OZ14	Oak-Pine Hills	gentle uplands/slopes	175	87	235	69	37	87
Pine/Oak Closed Woodland	OZ4	Oak-Pine Hills	gentle uplands/slopes	153	84	199	51	28	66
Pine/Oak Closed Woodland	OZ8	Oak-Pine Hills	gentle uplands/slopes	590	320	747	179	97	227
Pine/Oak Closed Woodland	OZ9	Oak-Pine Hills	gentle uplands/slopes	191	92	262	53	25	75
Pine/Oak Closed Woodland	OZ9	Oak-Pine Hills	gentle uplands/slopes	167	77	235	64	31	88
Pine/Oak Closed Woodland	OZ10	Oak-Pine Hills	well-drained uplands/ridges	368	166	525	133	60	190
Pine/Oak Closed	OZ14	Oak-Pine Hills	well-drained	217	101	304	84	39	118

Woodland			uplands/ridges							
Pine/Oak Closed	OZ4	Oak-Pine Hills	well-drained	119	59	161	39	19	53	
Woodland			uplands/ridges							
Pine/Oak Closed	OZ8	Oak-Pine Hills	well-drained	236	133	290	76	43	93	
Woodland			uplands/ridges							
Pine/Oak Closed	OZ9	Oak-Pine Hills	well-drained	220	98	317	59	30	80	
Woodland			uplands/ridges							
Pine/Oak Closed	OZ9	Oak-Pine Hills	well-drained	181	90	243	71	32	103	
Woodland			uplands/ridges							
Prairie/Grassland	OZ1	Prairie Plains	flat uplands	70	39	88	25	14	31	
Prairie/Grassland	OZ1	Prairie/Savanna Plains	flat uplands	83	50	98	31	19	37	
		Oak Savanna/Woodland								
Prairie/Savanna	OZ12	Plains	flat uplands	120	55	169	51	23	72	
		Oak Savanna/Woodland								
Prairie/Savanna	OZ5	Plains	flat uplands	102	59	122	27	15	32	

¹ Identified by Central Hardwoods Joint Venture process