

WOODLAND MANAGEMENT AND PRODUCTIVITY
 Bossier Parish, Louisiana: Detailed Soil Map Legend

(Only the soils suitable for production of commercial trees are listed)

Map symbol and soil name	Ordination symbol	Management concerns					Potential productivity			
		Erosion hazard	Equipment limitation	Seedling mortality	Wind-throw hazard	Plant competition	Common trees	Site index	Volume of wood fiber	Suggested trees to plant
Aa: ACADIA-----	8W	Slight	Moderate	Slight	Moderate	Severe	loblolly pine----- shortleaf pine----- sweetgum----- water oak-----	83 75 80 80	8 8 6 5	loblolly pine
Ac: ACADIA-----	8W	Slight	Moderate	Slight	Moderate	Severe	loblolly pine----- shortleaf pine----- sweetgum----- water oak-----	83 75 80 80	8 8 6 5	loblolly pine
Ad: ACADIA-----	8W	Slight	Moderate	Slight	Moderate	Severe	loblolly pine----- shortleaf pine----- sweetgum----- water oak-----	83 75 80 80	8 8 6 5	loblolly pine
Ae: ACADIA-----	8W	Slight	Moderate	Slight	Moderate	Severe	loblolly pine----- shortleaf pine----- sweetgum----- water oak-----	83 75 80 80	8 8 6 5	loblolly pine
WRIGHTSVILLE----	4W	Slight	Moderate	Moderate	Severe	Severe	sweetgum----- water oak-----	70 70	4 4	loblolly pine, shortleaf pine, sweetgum, water oak, willow oak
Af: CAHABA-----	9A	Slight	Slight	Slight	Slight	Moderate	loblolly pine----- shortleaf pine----- slash pine----- southern red oak---- sweetgum----- tuliptree----- water oak-----	87 70 91 --- 90 --- ---	9 8 12 --- 7 --- ---	loblolly pine, slash pine, sweetgum, water oak
Ag: CAHABA-----	9A	Slight	Slight	Slight	Slight	Moderate	loblolly pine----- shortleaf pine----- slash pine----- southern red oak---- sweetgum----- tuliptree----- water oak-----	87 70 91 --- 90 --- ---	9 8 12 --- 7 --- ---	loblolly pine, slash pine, sweetgum, water oak
Ah: RUSTON-----	8A	Slight	Slight	Slight	Slight	Slight	loblolly pine----- shortleaf pine-----	84 75	8 8	loblolly pine
Ak: SMITHDALE-----	8A	Slight	Slight	Slight	Slight	Slight	loblolly pine----- shortleaf pine-----	80 69	8 8	loblolly pine
Am: CAHABA-----	9A	Slight	Slight	Slight	Slight	Moderate	loblolly pine----- shortleaf pine----- slash pine----- southern red oak---- sweetgum----- tuliptree----- water oak-----	87 70 91 --- 90 --- ---	9 8 12 --- 7 --- ---	loblolly pine, slash pine, sweetgum, water oak
An: SMITHDALE-----	8A	Slight	Slight	Slight	Slight	Slight	loblolly pine----- shortleaf pine-----	80 69	8 8	loblolly pine

WOODLAND MANAGEMENT AND PRODUCTIVITY--Continued
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Map symbol and soil name	Ordination symbol	Management concerns					Potential productivity			Suggested trees to plant
		Erosion hazard	Equipment limitation	Seedling mortality	Windthrow hazard	Plant competition	Common trees	Site index	Volume of wood fiber	
B-Ar: ARMISTEAD-----	4W	Slight	Moderate	Moderate	Slight	Moderate	American sycamore--- cherrybark oak----- eastern cottonwood-- green ash----- pecan----- sweetgum----- water oak-----	--- 90 110 80 --- 90 90	--- 8 11 4 --- 7 6	American sycamore, eastern cottonwood
B-Be: BETIS-----	7S	Slight	Moderate	Severe	Slight	Slight	loblolly pine----- shortleaf pine-----	70 63	6 7	loblolly pine, slash pine
B-Bu: BUXIN-----	---	---	---	---	---	---	Nuttall oak----- green ash----- sweetgum----- water oak----- willow oak-----	75 78 88 86 89	--- 3 7 6 6	Nuttall oak, sweetgum, water oak
B-Cs: CASPIANA-----	3A	Slight	Slight	Slight	---	---	American sycamore--- cherrybark oak----- eastern cottonwood-- green ash----- pecan----- sweetgum-----	--- 100 105 75 --- 100	--- 10 10 3 --- 10	American sycamore, eastern cottonwood, sweetgum
B-Fn: FORBING-----	6C	Slight	Moderate	Moderate	---	---	loblolly pine----- shortleaf pine----- slash pine-----	70 60 70	6 6 8	loblolly pine, slash pine
B-FO: FORBING-----	6C	Slight	Moderate	Moderate	---	---	loblolly pine----- shortleaf pine----- slash pine-----	70 60 70	6 6 8	loblolly pine, slash pine
B-Ga: GALLION-----	9A	Slight	Slight	Slight	Slight	Moderate	American sycamore--- cherrybark oak----- eastern cottonwood-- green ash----- pecan----- sweetgum----- water oak-----	--- 95 100 80 --- 83 ---	--- 9 9 4 --- 6 ---	American sycamore, eastern cottonwood
B-Ge: GALLION-----	9A	Slight	Slight	Slight	Slight	Moderate	American sycamore--- cherrybark oak----- eastern cottonwood-- green ash----- pecan----- sweetgum----- water oak-----	--- 95 100 80 --- 83 ---	--- 9 9 4 --- 6 ---	American sycamore, eastern cottonwood
B-Go: GORE-----	7C	Slight	Moderate	Moderate	Slight	Slight	loblolly pine----- shortleaf pine-----	76 ---	7 ---	loblolly pine
B-GR: GORE-----	7C	Slight	Moderate	Moderate	Slight	Slight	loblolly pine----- shortleaf pine-----	76 ---	7 ---	loblolly pine
B-Gu: GUYTON-----	8W	Slight	Severe	Moderate	Severe	Severe	cherrybark oak----- green ash----- loblolly pine----- slash pine----- sweetgum----- water oak----- willow oak-----	--- --- 85 90 --- --- 78	--- --- 8 11 --- --- 5	Shumard's oak, cherrybark oak, loblolly pine, slash pine, swamp chestnut oak, water oak

WOODLAND MANAGEMENT AND PRODUCTIVITY--Continued
 Bossier Parish, Louisiana: Detailed Soil Map Legend

Map symbol and soil name	Ordi-nation symbol	Management concerns					Potential productivity			Suggested trees to plant
		Erosion hazard	Equip-ment limita-tion	Seedling mortal-ity	Wind-throw hazard	Plant competi-tion	Common trees	Site index	Volume of wood fiber	
B-GY: GUYTON-----	6W	Slight	Severe	Severe	Severe	Severe	Nuttall oak----- eastern cottonwood-- green ash----- loblolly pine----- sweetgum----- water oak----- willow oak-----	--- --- --- 95 --- --- 93	--- --- --- 10 --- --- 6	Nuttall oak, green ash, water oak, willow oak
B-Ke: KEITHVILLE-----	9W	Slight	Moderate	Slight	---	Moderate	loblolly pine----- shortleaf pine----- sweetgum-----	90 80 ---	9 9 ---	loblolly pine
B-Ko: KOLIN-----	8W	Slight	Moderate	Slight	Moderate	Severe	loblolly pine----- shortleaf pine-----	80 ---	8 ---	loblolly pine
B-Ma: MALBIS-----	9A	Slight	Slight	Slight	---	---	loblolly pine----- longleaf pine----- slash pine-----	90 80 90	9 7 11	loblolly pine, slash pine
B-Mc: MCKAMIE-----	8C	Slight	Moderate	Moderate	Slight	Moderate	loblolly pine----- shortleaf pine-----	80 70	8 8	loblolly pine
B-Me: METCALF-----	10W	Slight	Moderate	Slight	---	---	loblolly pine----- shortleaf pine----- sweetgum-----	92 74 ---	10 8 ---	loblolly pine
B-MK: MCKAMIE-----	8C	Slight	Moderate	Moderate	Slight	Moderate	loblolly pine----- shortleaf pine-----	80 70	8 8	loblolly pine
B-Mo: MORELAND-----	4W	Slight	Severe	Moderate	Moderate	Severe	American sycamore--- Nuttall oak----- green ash----- honeylocust----- sugarberry----- sweetgum----- water oak----- willow oak-----	--- --- 90 --- --- 75 90 ---	--- --- 4 --- --- 5 6 ---	Nuttall oak, green ash, sweetgum, water oak
B-Pe: PERRY-----	3W	Slight	Severe	Moderate	Moderate	Severe	Nuttall oak----- green ash----- pecan----- sweetgum----- water hickory----- water oak-----	--- 75 --- 92 --- ---	--- 3 --- 8 --- ---	Nuttall oak, green ash, sweetgum, water oak
B-Rs: RUSTON-----	8A	Slight	Slight	Slight	Slight	Slight	loblolly pine----- shortleaf pine-----	84 75	8 8	loblolly pine
B-Sa: SACUL-----	8C	Slight	Moderate	Slight	Moderate	Moderate	loblolly pine----- shortleaf pine-----	84 74	8 8	loblolly pine, shortleaf pine
B-SC: SACUL-----	8C	Slight	Moderate	Slight	Moderate	Moderate	loblolly pine----- shortleaf pine-----	84 74	8 8	loblolly pine, shortleaf pine
B-SM: SMITHDALE-----	8R	Moderate	Moderate	Slight	Slight	Slight	loblolly pine----- shortleaf pine-----	80 69	8 8	loblolly pine

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Map symbol and soil name	Ordination symbol	Management concerns					Potential productivity			Suggested trees to plant
		Erosion hazard	Equipment limitation	Seedling mortality	Windthrow hazard	Plant competition	Common trees	Site index	Volume of wood fiber	
B-Wr: WRIGHTSVILLE----	4W	Slight	Moderate	Moderate	Severe	Severe	sweetgum----- water oak-----	70 70	4 4	loblolly pine, shortleaf pine, sweetgum, water oak, willow oak
B-YK: YORKTOWN-----	3W	Slight	Severe	Severe	Severe	Severe	baldcypress----- green ash----- water hickory----- water tupelo-----	70 --- --- ---	3 --- --- ---	baldcypress, green ash, water tupelo
Bb: GUYTON-----	6W	Slight	Severe	Severe	Severe	Severe	Nuttall oak----- eastern cottonwood-- green ash----- loblolly pine----- sweetgum----- water oak----- willow oak-----	--- --- --- 95 --- --- 93	--- --- --- 10 --- --- 6	Nuttall oak, green ash, water oak, willow oak
IUKA-----	9W	Slight	Moderate	Moderate	Slight	Severe	eastern cottonwood-- loblolly pine----- sweetgum----- water oak-----	105 100 100 100	--- 9 10 ---	eastern cottonwood, loblolly pine, tuliptree
Bc: GUYTON-----	6W	Slight	Severe	Severe	Severe	Severe	Nuttall oak----- eastern cottonwood-- green ash----- loblolly pine----- sweetgum----- water oak----- willow oak-----	--- --- --- 95 --- --- 93	--- --- --- 10 --- --- 6	Nuttall oak, green ash, water oak, willow oak
IUKA-----	9W	Slight	Moderate	Moderate	Slight	Severe	eastern cottonwood-- loblolly pine----- sweetgum----- water oak-----	105 100 100 100	--- 9 10 ---	eastern cottonwood, loblolly pine, tuliptree
Bd: SACUL-----	8C	Slight	Moderate	Slight	Moderate	Moderate	loblolly pine----- shortleaf pine-----	84 74	8 8	loblolly pine, shortleaf pine
Be: SACUL-----	8C	Slight	Moderate	Slight	Moderate	Moderate	loblolly pine----- shortleaf pine-----	84 74	8 8	loblolly pine, shortleaf pine
Bf: SACUL-----	8C	Slight	Moderate	Slight	Moderate	Moderate	loblolly pine----- shortleaf pine-----	84 74	8 8	loblolly pine, shortleaf pine
Bg: SACUL-----	---	---	---	---	---	---	-----	---	---	---
Bh: BUXIN-----	---	---	---	---	---	---	Nuttall oak----- green ash----- sweetgum----- water oak----- willow oak-----	75 78 88 86 89	--- 3 7 6 6	Nuttall oak, sweetgum, water oak
Bk: BUXIN-----	---	---	---	---	---	---	Nuttall oak----- green ash----- sweetgum----- water oak----- willow oak-----	75 78 88 86 89	--- 3 7 6 6	Nuttall oak, sweetgum, water oak

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		Erosion hazard	Equipment limitation	Seedling mortality	Windthrow hazard	Plant competition	Common trees	Site index	Volume of wood fiber	
Bm: BUXIN-----	---	---	---	---	---	---	Nuttall oak----- green ash----- sweetgum----- water oak----- willow oak-----	75 78 88 86 89	--- 3 7 6 6	Nuttall oak, sweetgum, water oak
Bn: BUXIN-----	---	---	---	---	---	---	Nuttall oak----- green ash----- sweetgum----- water oak----- willow oak-----	75 78 88 86 89	--- 3 7 6 6	Nuttall oak, sweetgum, water oak
Bo: BUXIN-----	2W	Slight	Severe	Severe	Severe	Moderate	baldcypress----- black willow----- green ash----- overcup oak----- water hickory-----	--- --- 70 --- ---	--- --- 3 --- ---	baldcypress, green ash, sweetgum
Bu: BUXIN-----	---	---	---	---	---	---	Nuttall oak----- green ash----- sweetgum----- water oak----- willow oak-----	75 78 88 86 89	--- 3 7 6 6	Nuttall oak, sweetgum, water oak
Ca: CAHABA-----	9A	Slight	Slight	Slight	Slight	Moderate	loblolly pine----- shortleaf pine----- slash pine----- southern red oak----- sweetgum----- tuliptree----- water oak-----	87 70 91 --- 90 --- ---	9 8 12 --- 7 --- ---	loblolly pine, slash pine, sweetgum, water oak
Cb: CAHABA-----	9A	Slight	Slight	Slight	Slight	Moderate	loblolly pine----- shortleaf pine----- slash pine----- southern red oak----- sweetgum----- tuliptree----- water oak-----	87 70 91 --- 90 --- ---	9 8 12 --- 7 --- ---	loblolly pine, slash pine, sweetgum, water oak
Cc: CAHABA-----	9A	Slight	Slight	Slight	Slight	Moderate	loblolly pine----- shortleaf pine----- slash pine----- southern red oak----- sweetgum----- tuliptree----- water oak-----	87 70 91 --- 90 --- ---	9 8 12 --- 7 --- ---	loblolly pine, slash pine, sweetgum, water oak
Cd: CAHABA-----	9A	Slight	Slight	Slight	Slight	Moderate	loblolly pine----- shortleaf pine----- slash pine----- southern red oak----- sweetgum----- tuliptree----- water oak-----	87 70 91 --- 90 --- ---	9 8 12 --- 7 --- ---	loblolly pine, slash pine, sweetgum, water oak
Cf: CAHABA-----	9A	Slight	Slight	Slight	Slight	Moderate	loblolly pine----- shortleaf pine----- slash pine----- southern red oak----- sweetgum----- tuliptree----- water oak-----	87 70 91 --- 90 --- ---	9 8 12 --- 7 --- ---	loblolly pine, slash pine, sweetgum, water oak

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Ct: CAHABA-----	9A	Slight	Slight	Slight	Slight	Moderate	loblolly pine----- shortleaf pine----- slash pine----- southern red oak---- sweetgum----- tuliptree----- water oak-----	87 70 91 --- 90 --- ---	9 8 12 --- 7 --- ---	loblolly pine, slash pine, sweetgum, water oak
SHATTA-----	8A	Slight	Slight	Slight	---	---	loblolly pine----- shortleaf pine----- sweetgum-----	83 77 ---	8 9 ---	loblolly pine
Cy: UNA-----	8W	Slight	Severe	Severe	Moderate	Severe	Nuttall oak----- cherrybark oak----- eastern cottonwood-- green ash----- sweetgum----- water oak----- water tupelo----- willow oak-----	95 90 85 75 90 90 80 90	--- 8 6 3 7 6 8 6	Nuttall oak, green ash, sweetgum, water tupelo
Ga: ARMISTEAD-----	4W	Slight	Moderate	Moderate	Slight	Moderate	American sycamore--- cherrybark oak----- eastern cottonwood-- green ash----- pecan----- sweetgum----- water oak-----	--- 90 110 80 --- 90 90	--- 8 11 4 --- 7 6	American sycamore, eastern cottonwood
Gb: ARMISTEAD-----	4W	Slight	Moderate	Moderate	Slight	Moderate	American sycamore--- cherrybark oak----- eastern cottonwood-- green ash----- pecan----- sweetgum----- water oak-----	--- 90 110 80 --- 90 90	--- 8 11 4 --- 7 6	American sycamore, eastern cottonwood
Gc: ARMISTEAD-----	4W	Slight	Moderate	Moderate	Slight	Moderate	American sycamore--- cherrybark oak----- eastern cottonwood-- green ash----- pecan----- sweetgum----- water oak-----	--- 90 110 80 --- 90 90	--- 8 11 4 --- 7 6	American sycamore, eastern cottonwood
Gd: GALLION-----	9A	Slight	Slight	Slight	Slight	Moderate	American sycamore--- cherrybark oak----- eastern cottonwood-- green ash----- pecan----- sweetgum----- water oak-----	--- 95 100 80 --- 83 ---	--- 9 9 4 --- 6 ---	American sycamore, eastern cottonwood
Gg: GALLION-----	9A	Slight	Slight	Slight	Slight	Moderate	American sycamore--- cherrybark oak----- eastern cottonwood-- green ash----- pecan----- sweetgum----- water oak-----	--- 95 100 80 --- 83 ---	--- 9 9 4 --- 6 ---	American sycamore, eastern cottonwood

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Map symbol and soil name	Ordi- nation symbol	Management concerns					Potential productivity			Suggested trees to plant
		Erosion hazard	Equip- ment limita- tion	Seedling mortal- ity	Wind- throw hazard	Plant competi- tion	Common trees	Site index	Volume of wood fiber	
Gh: GALLION-----	9A	Slight	Slight	Slight	Slight	Moderate	American sycamore--- cherrybark oak----- eastern cottonwood-- green ash----- pecan----- sweetgum----- water oak-----	--- 95 100 80 --- 83 ---	--- 9 9 4 --- 6 ---	American sycamore, eastern cottonwood
Gk: GALLION-----	9A	Slight	Slight	Slight	Slight	Moderate	American sycamore--- cherrybark oak----- eastern cottonwood-- green ash----- pecan----- sweetgum----- water oak-----	--- 95 100 80 --- 83 ---	--- 9 9 4 --- 6 ---	American sycamore, eastern cottonwood
Gm: GALLION-----	9A	Slight	Slight	Slight	Slight	Moderate	American sycamore--- cherrybark oak----- eastern cottonwood-- green ash----- pecan----- sweetgum----- water oak-----	--- 95 100 80 --- 83 ---	--- 9 9 4 --- 6 ---	American sycamore, eastern cottonwood
ARMISTEAD-----	4W	Slight	Moderate	Moderate	Slight	Moderate	American sycamore--- cherrybark oak----- eastern cottonwood-- green ash----- pecan----- sweetgum----- water oak-----	--- 90 110 80 --- 90 90	--- 8 11 4 --- 7 6	American sycamore, eastern cottonwood
Go: GORE-----	7C	Slight	Moderate	Moderate	Slight	Slight	loblolly pine----- shortleaf pine-----	76 ---	7 ---	loblolly pine
MCKAMIE-----	8C	Slight	Moderate	Moderate	Slight	Moderate	loblolly pine----- shortleaf pine-----	80 70	8 8	loblolly pine
FORBING-----	6C	Slight	Moderate	Moderate	---	---	loblolly pine----- shortleaf pine----- slash pine-----	70 60 70	6 6 8	loblolly pine, slash pine
Gr: GORE-----	7C	Slight	Moderate	Moderate	Slight	Slight	loblolly pine----- shortleaf pine-----	76 ---	7 ---	loblolly pine
Gs: GORE-----	7C	Slight	Moderate	Moderate	Slight	Slight	loblolly pine----- shortleaf pine-----	76 ---	7 ---	loblolly pine
		Management concerns					Potential productivity			
							m3/ha			
Gv: GORE-----	7C	Slight	Moderate	Moderate	Slight	Slight	loblolly pine----- shortleaf pine-----	76 ---	7 ---	loblolly pine
Ha: HANNAHATCHEE----	9A	Slight	Slight	Slight	Slight	Slight	loblolly pine----- southern red oak---- sweetgum----- white oak-----	110 90 100 ---	9 4 10 ---	American sycamore, black walnut, loblolly pine, sweetgum
Hn: GORE-----	7C	Slight	Moderate	Moderate	Slight	Slight	loblolly pine----- shortleaf pine-----	76 ---	7 ---	loblolly pine
Hr: GORE-----	7C	Slight	Moderate	Moderate	Slight	Slight	loblolly pine----- shortleaf pine-----	76 ---	7 ---	loblolly pine

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		Erosion hazard	Equipment limitation	Seedling mortality	Windthrow hazard	Plant competition	Common trees	Site index	Volume of wood fiber	
Hs: BETIS-----	7S	Slight	Moderate	Severe	Slight	Slight	loblolly pine----- shortleaf pine-----	70 63	6 7	loblolly pine, slash pine
Hu: BETIS-----	7S	Slight	Moderate	Severe	Slight	Slight	loblolly pine----- shortleaf pine-----	70 63	6 7	loblolly pine, slash pine
In: BIENVILLE-----	---	---	---	---	---	---	-----	---	---	---
Ka: CAHABA-----	9A	Slight	Slight	Slight	Slight	Moderate	loblolly pine----- shortleaf pine----- slash pine----- southern red oak---- sweetgum----- tuliptree----- water oak-----	87 70 91 --- 90 --- ---	9 8 12 --- 7 --- ---	loblolly pine, slash pine, sweetgum, water oak
Kr: MAHAN-----	9A	Slight	Slight	Slight	Slight	Slight	hickory----- loblolly pine----- shortleaf pine----- southern red oak---- sweetgum----- white oak-----	--- 90 --- --- --- ---	--- 9 --- --- --- ---	loblolly pine
Ks: MAHAN-----	9A	Slight	Slight	Slight	Slight	Slight	hickory----- loblolly pine----- shortleaf pine----- southern red oak---- sweetgum----- white oak-----	--- 90 --- --- --- ---	--- 9 --- --- --- ---	loblolly pine
Kt: MAHAN-----	9A	Slight	Slight	Slight	Slight	Slight	hickory----- loblolly pine----- shortleaf pine----- southern red oak---- sweetgum----- white oak-----	--- 90 --- --- --- ---	--- 9 --- --- --- ---	loblolly pine
Ku: DARLEY-----	8F	Slight	Slight	Slight	Slight	Moderate	hickory----- loblolly pine----- shortleaf pine----- southern red oak---- sweetgum----- white oak-----	--- 85 75 --- --- ---	--- 8 8 --- --- ---	loblolly pine
Kv: DARLEY-----	8F	Slight	Slight	Slight	Slight	Moderate	hickory----- loblolly pine----- shortleaf pine----- southern red oak---- sweetgum----- white oak-----	--- 85 75 --- --- ---	--- 8 8 --- --- ---	loblolly pine
Kw: DARLEY-----	8F	Slight	Slight	Slight	Slight	Moderate	hickory----- loblolly pine----- shortleaf pine----- southern red oak---- sweetgum----- white oak-----	--- 85 75 --- --- ---	--- 8 8 --- --- ---	loblolly pine
Kx: DARLEY-----	8F	Slight	Slight	Slight	Slight	Moderate	hickory----- loblolly pine----- shortleaf pine----- southern red oak---- sweetgum----- white oak-----	--- 85 75 --- --- ---	--- 8 8 --- --- ---	loblolly pine

WOODLAND MANAGEMENT AND PRODUCTIVITY--Continued
Bossier Parish, Louisiana: Detailed Soil Map Legend

Map symbol and soil name	Ordi-nation symbol	Management concerns					Potential productivity			Suggested trees to plant
		Erosion hazard	Equip-ment limita-tion	Seedling mortal-ity	Wind-throw hazard	Plant competi-tion	Common trees	Site index	Volume of wood fiber	
Ky: DARLEY-----	8R	Moderate	Moderate	Slight	Slight	Moderate	hickory----- loblolly pine----- shortleaf pine----- southern red oak----- sweetgum----- white oak-----	--- 85 75 --- --- ---	--- 8 8 --- ---	loblolly pine
La: BETIS-----	7S	Slight	Moderate	Severe	Slight	Slight	loblolly pine----- shortleaf pine-----	70 63	6 7	loblolly pine, slash pine
Lb: BETIS-----	7S	Slight	Moderate	Severe	Slight	Slight	loblolly pine----- shortleaf pine-----	70 63	6 7	loblolly pine, slash pine
Lc: BETIS-----	7S	Slight	Moderate	Severe	Slight	Slight	loblolly pine----- shortleaf pine-----	70 63	6 7	loblolly pine, slash pine
Ld: BETIS-----	7S	Slight	Moderate	Severe	Slight	Slight	loblolly pine----- shortleaf pine-----	70 63	6 7	loblolly pine, slash pine
Lf: MAHAN-----	9A	Slight	Slight	Slight	Slight	Slight	hickory----- loblolly pine----- shortleaf pine----- southern red oak----- sweetgum----- white oak-----	--- 90 --- --- --- ---	--- 9 --- --- --- ---	loblolly pine
Lg: MAHAN-----	9A	Slight	Slight	Slight	Slight	Slight	hickory----- loblolly pine----- shortleaf pine----- southern red oak----- sweetgum----- white oak-----	--- 90 --- --- --- ---	--- 9 --- --- --- ---	loblolly pine
Lh: MAHAN-----	9A	Slight	Slight	Slight	Slight	Slight	hickory----- loblolly pine----- shortleaf pine----- southern red oak----- sweetgum----- white oak-----	--- 90 --- --- --- ---	--- 9 --- --- --- ---	loblolly pine
Lk: MAHAN-----	9A	Slight	Slight	Slight	Slight	Slight	hickory----- loblolly pine----- shortleaf pine----- southern red oak----- sweetgum----- white oak-----	--- 90 --- --- --- ---	--- 9 --- --- --- ---	loblolly pine
Lm: MAHAN-----	9A	Slight	Slight	Slight	Slight	Slight	hickory----- loblolly pine----- shortleaf pine----- southern red oak----- sweetgum----- white oak-----	--- 90 --- --- --- ---	--- 9 --- --- --- ---	loblolly pine
Ln: BRILEY-----	8S	Slight	Slight	Moderate	Slight	Moderate	loblolly pine----- shortleaf pine----- slash pine-----	80 70 ---	8 8 ---	loblolly pine, slash pine
Lo: BRILEY-----	8S	Slight	Slight	Moderate	Slight	Moderate	loblolly pine----- shortleaf pine----- slash pine-----	80 70 ---	8 8 ---	loblolly pine, slash pine

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		Erosion hazard	Equipment limitation	Seedling mortality	Wind-throw hazard	Plant competition	Common trees	Site index	Volume of wood fiber	Suggested trees to plant
Lp: MAHAN-----	9A	Slight	Slight	Slight	Slight	Slight	hickory----- loblolly pine----- shortleaf pine----- southern red oak----- sweetgum----- white oak-----	--- 90 --- --- --- ---	--- 9 --- --- --- ---	loblolly pine
Ma: GUYTON-----	6W	Slight	Severe	Severe	Severe	Severe	Nuttall oak----- eastern cottonwood-- green ash----- loblolly pine----- sweetgum----- water oak----- willow oak-----	--- --- --- 95 --- --- 93	--- --- --- 10 --- --- 6	Nuttall oak, green ash, water oak, willow oak
IUKA-----	9W	Slight	Moderate	Moderate	Slight	Severe	eastern cottonwood-- loblolly pine----- sweetgum----- water oak-----	105 100 100 100	--- 9 10 ---	eastern cottonwood, loblolly pine, tuliptree
MaA: KOLIN-----	8W	Slight	Moderate	Slight	Moderate	Severe	loblolly pine----- shortleaf pine-----	80 ---	8 ---	loblolly pine
MaB: KOLIN-----	8W	Slight	Moderate	Slight	Moderate	Severe	loblolly pine----- shortleaf pine-----	80 ---	8 ---	loblolly pine
MaC: KOLIN-----	8W	Slight	Moderate	Slight	Moderate	Severe	loblolly pine----- shortleaf pine-----	80 ---	8 ---	loblolly pine
MaD: KOLIN-----	8W	Slight	Moderate	Slight	Moderate	Severe	loblolly pine----- shortleaf pine-----	80 ---	8 ---	loblolly pine
MaE: GUYTON-----	8W	Slight	Severe	Moderate	Severe	Severe	cherrybark oak----- green ash----- loblolly pine----- slash pine----- sweetgum----- water oak----- willow oak-----	--- --- 85 90 --- --- 78	--- --- 8 11 --- --- 5	Shumard's oak, cherrybark oak, loblolly pine, slash pine, swamp chestnut oak, water oak
MESSER-----	10W	Slight	Moderate	Slight	Moderate	Moderate	loblolly pine----- longleaf pine----- slash pine----- sweetgum-----	95 75 95 90	10 6 12 7	Shumard's oak, cherrybark oak, loblolly pine, slash pine, water oak
MaF: GUYTON-----	8W	Slight	Severe	Moderate	Severe	Severe	cherrybark oak----- green ash----- loblolly pine----- slash pine----- sweetgum----- water oak----- willow oak-----	--- --- 85 90 --- --- 78	--- --- 8 11 --- --- 5	Shumard's oak, cherrybark oak, loblolly pine, slash pine, swamp chestnut oak, water oak
MaG: GUYTON-----	6W	Slight	Severe	Severe	Severe	Severe	Nuttall oak----- eastern cottonwood-- green ash----- loblolly pine----- sweetgum----- water oak----- willow oak-----	--- --- --- 95 --- --- 93	--- --- --- 10 --- --- 6	Nuttall oak, green ash, water oak, willow oak

WOODLAND MANAGEMENT AND PRODUCTIVITY--Continued
Bossier Parish, Louisiana: Detailed Soil Map Legend

Map symbol and soil name	Ordi- nation symbol	Management concerns					Potential productivity			Suggested trees to plant
		Erosion hazard	Equip- ment limita- tion	Seedling mortal- ity	Wind- throw hazard	Plant competi- tion	Common trees	Site index	Volume of wood fiber	
MESSER-----	10W	Slight	Moderate	Slight	Moderate	Moderate	loblolly pine----- longleaf pine----- slash pine----- sweetgum-----	95 75 95 90	10 6 12 7	Shumard's oak, cherrybark oak, loblolly pine, slash pine, water oak
Mb: MCKAMIE-----	8C	Slight	Moderate	Moderate	Slight	Moderate	loblolly pine----- shortleaf pine-----	80 70	8 8	loblolly pine
Mc: MCKAMIE-----	8C	Slight	Moderate	Moderate	Slight	Moderate	loblolly pine----- shortleaf pine-----	80 70	8 8	loblolly pine
Md: MCKAMIE-----	8C	Slight	Moderate	Moderate	Slight	Moderate	loblolly pine----- shortleaf pine-----	80 70	8 8	loblolly pine
Me: MCKAMIE-----	8C	Moderate	Moderate	Moderate	Slight	Moderate	loblolly pine----- longleaf pine----- slash pine-----	85 --- 85	8 --- 11	loblolly pine, slash pine
FORBING-----	6C	Slight	Moderate	Moderate	---	---	loblolly pine----- shortleaf pine----- slash pine-----	70 60 70	6 6 8	loblolly pine, slash pine
Mg: MORELAND-----	4W	Slight	Severe	Moderate	Moderate	Severe	American sycamore--- Nuttall oak----- green ash----- honeylocust----- sugarberry----- sweetgum----- water oak----- willow oak-----	--- --- 90 --- --- 75 90 ---	--- --- 4 --- --- 5 6 ---	Nuttall oak, green ash, sweetgum, water oak
Mh: MORELAND-----	4W	Slight	Severe	Moderate	Moderate	Severe	American sycamore--- Nuttall oak----- green ash----- honeylocust----- sugarberry----- sweetgum----- water oak----- willow oak-----	--- --- 90 --- --- 75 90 ---	--- --- 4 --- --- 5 6 ---	Nuttall oak, green ash, sweetgum, water oak
Mk: MORELAND-----	4W	Slight	Severe	Moderate	Moderate	Severe	American sycamore--- Nuttall oak----- green ash----- honeylocust----- sugarberry----- sweetgum----- water oak----- willow oak-----	--- --- 90 --- --- 75 90 ---	--- --- 4 --- --- 5 6 ---	Nuttall oak, green ash, sweetgum, water oak
Mm: MORELAND-----	2W	Slight	Severe	Severe	Severe	Moderate	baldcypress----- black willow----- green ash----- sugarberry----- water hickory-----	--- --- 70 --- ---	--- --- 2 --- ---	baldcypress, green ash
Mn: MORELAND-----	4W	Slight	Severe	Moderate	Moderate	Severe	American sycamore--- Nuttall oak----- green ash----- honeylocust----- sugarberry----- sweetgum----- water oak----- willow oak-----	--- --- 90 --- --- 75 90 ---	--- --- 4 --- --- 5 6 ---	Nuttall oak, green ash, sweetgum, water oak

WOODLAND MANAGEMENT AND PRODUCTIVITY--Continued
Bossier Parish, Louisiana: Detailed Soil Map Legend

Map symbol and soil name	Ordination symbol	Management concerns					Potential productivity			
		Erosion hazard	Equipment limitation	Seedling mortality	Windthrow hazard	Plant competition	Common trees	Site index	Volume of wood fiber	Suggested trees to plant
MO: MORELAND-----	4W	Slight	Severe	Moderate	Moderate	Severe	American sycamore--- Nuttall oak----- green ash----- honeylocust----- sugarberry----- sweetgum----- water oak----- willow oak-----	--- --- 90 --- --- 75 90 ---	--- --- 4 --- --- 5 6 ---	Nuttall oak, green ash, sweetgum, water oak
Mp: MORELAND-----	4W	Slight	Severe	Moderate	Moderate	Severe	American sycamore--- Nuttall oak----- green ash----- honeylocust----- sugarberry----- sweetgum----- water oak----- willow oak-----	--- --- 90 --- --- 75 90 ---	--- --- 4 --- --- 5 6 ---	Nuttall oak, green ash, sweetgum, water oak
Mr: MORELAND-----	4W	Slight	Severe	Moderate	Moderate	Severe	American sycamore--- Nuttall oak----- green ash----- honeylocust----- sugarberry----- sweetgum----- water oak----- willow oak-----	--- --- 90 --- --- 75 90 ---	--- --- 4 --- --- 5 6 ---	Nuttall oak, green ash, sweetgum, water oak
Ms: OCHLOCKONEE----	11W	Slight	Moderate	Moderate	Slight	Moderate	-----	---	---	---
Mt: GUYTON-----	6W	Slight	Severe	Severe	Severe	Severe	Nuttall oak----- eastern cottonwood-- green ash----- loblolly pine----- sweetgum----- water oak----- willow oak-----	--- --- --- 95 --- --- 93	--- --- --- 10 --- --- 6	Nuttall oak, green ash, water oak, willow oak
IUKA-----	9W	Slight	Moderate	Moderate	Slight	Severe	eastern cottonwood-- loblolly pine----- sweetgum----- water oak-----	105 100 100 100	--- 9 10 ---	eastern cottonwood, loblolly pine, tuliptree
Mu: MORSE-----	6T	Moderate	Moderate	Severe	Moderate	Moderate	eastern redcedar--- loblolly pine-----	60 65	4 6	eastern redcedar
Mv: MORSE-----	6T	Moderate	Moderate	Severe	Moderate	Moderate	eastern redcedar--- loblolly pine-----	60 65	4 6	eastern redcedar
Mw: MORSE-----	6T	Moderate	Moderate	Severe	Moderate	Moderate	eastern redcedar--- loblolly pine-----	60 65	4 6	eastern redcedar
Mx: MORSE-----	6T	Moderate	Moderate	Severe	Moderate	Moderate	eastern redcedar--- loblolly pine-----	60 65	4 6	eastern redcedar
My: MORSE-----	6T	Moderate	Moderate	Severe	Moderate	Moderate	eastern redcedar--- loblolly pine-----	60 65	4 6	eastern redcedar
Mz: MORSE-----	6T	Moderate	Moderate	Severe	Moderate	Moderate	eastern redcedar--- loblolly pine-----	60 65	4 6	eastern redcedar
Na: NACOGDOCHES----	6C	Moderate	Moderate	Moderate	Slight	Slight	loblolly pine----- shortleaf pine-----	70 60	6 6	loblolly pine, shortleaf pine

WOODLAND MANAGEMENT AND PRODUCTIVITY--Continued
Bossier Parish, Louisiana: Detailed Soil Map Legend

Map symbol and soil name	Ordination symbol	Management concerns					Potential productivity			Suggested trees to plant
		Erosion hazard	Equipment limitation	Seedling mortality	Windthrow hazard	Plant competition	Common trees	Site index	Volume of wood fiber	
Nc: NACOGDOCHES-----	6C	Moderate	Moderate	Moderate	Slight	Slight	loblolly pine----- shortleaf pine-----	70 60	6 6	loblolly pine, shortleaf pine
Ng: DARLEY-----	8R	Moderate	Moderate	Slight	Slight	Moderate	hickory----- loblolly pine----- shortleaf pine----- southern red oak---- sweetgum----- white oak-----	--- 85 75 --- --- ---	--- 8 8 --- --- ---	loblolly pine
Ns: DARLEY-----	8R	Moderate	Moderate	Slight	Slight	Moderate	hickory----- loblolly pine----- shortleaf pine----- southern red oak---- sweetgum----- white oak-----	--- 85 75 --- --- ---	--- 8 8 --- --- ---	loblolly pine
Oc: OCHLOCKONEE-----	11A	Slight	Slight	Slight	Slight	Moderate	eastern cottonwood-- loblolly pine----- slash pine----- sweetgum----- tuliptree----- water oak-----	100 100 100 90 110 80	9 11 13 7 9 5	eastern cottonwood, loblolly pine, tuliptree
IUKA-----	9W	Slight	Moderate	Moderate	Slight	Severe	eastern cottonwood-- loblolly pine----- sweetgum----- water oak-----	105 100 100 100	--- 9 10 ---	eastern cottonwood, loblolly pine, tuliptree
Of: ORANGEBURG-----	8A	Slight	Slight	Slight	Slight	Slight	loblolly pine----- shortleaf pine-----	84 75	8 8	loblolly pine
Og: RUSTON-----	8A	Slight	Slight	Slight	Slight	Slight	loblolly pine----- shortleaf pine-----	84 75	8 8	loblolly pine
Om: RUSTON-----	8A	Slight	Slight	Slight	Slight	Slight	loblolly pine----- shortleaf pine-----	84 75	8 8	loblolly pine
Or: RUSTON-----	8A	Slight	Slight	Slight	Slight	Slight	loblolly pine----- shortleaf pine-----	84 75	8 8	loblolly pine
Ou: SMITHDALE-----	8A	Slight	Slight	Slight	Slight	Slight	loblolly pine----- shortleaf pine-----	80 69	8 8	loblolly pine
Pa: PERRY-----	3W	Slight	Severe	Moderate	Moderate	Severe	Nuttall oak----- green ash----- pecan----- sweetgum----- water hickory----- water oak-----	--- 75 --- 92 --- ---	--- 3 --- 8 --- ---	Nuttall oak, green ash, sweetgum, water oak
Pb: PERRY-----	2W	Slight	Severe	Severe	Severe	Moderate	baldcypress----- black willow----- green ash----- sweetgum----- water hickory-----	--- --- 70 70 ---	--- --- 2 3 ---	baldcypress, green ash

WOODLAND MANAGEMENT AND PRODUCTIVITY--Continued
Bossier Parish, Louisiana: Detailed Soil Map Legend

Map symbol and soil name	Ordination symbol	Management concerns					Potential productivity			
		Erosion hazard	Equipment limitation	Seedling mortality	Wind-throw hazard	Plant competition	Common trees	Site index	Volume of wood fiber	Suggested trees to plant
Pe: PERRY-----	2W	Slight	Severe	Severe	Severe	Moderate	baldcypress----- black willow----- green ash----- sweetgum----- water hickory-----	--- --- 70 70 ---	--- --- 2 3 ---	baldcypress, green ash
Ph: SAVANNAH-----	8W	Slight	Moderate	Slight	Moderate	Moderate	loblolly pine----- shortleaf pine----- southern red oak----	81 76 75	8 8 4	loblolly pine, slash pine
Pk: SAVANNAH-----	---	---	---	---	---	---	-----	---	---	---
Pm: PRENTISS-----	9W	Slight	Slight	Slight	Moderate	Moderate	cherrybark oak----- loblolly pine----- shortleaf pine----- sweetgum----- white oak-----	90 88 79 90 80	8 9 9 7 4	loblolly pine, slash pine
Pn: PRENTISS-----	9W	Slight	Slight	Slight	Moderate	Moderate	cherrybark oak----- loblolly pine----- shortleaf pine----- sweetgum----- white oak-----	90 88 79 90 80	8 9 9 7 4	loblolly pine, slash pine
Po: SHATTA-----	8A	Slight	Slight	Slight	---	---	loblolly pine----- shortleaf pine----- sweetgum-----	83 77 ---	8 9 ---	loblolly pine
Pp: SHATTA-----	8A	Slight	Slight	Slight	---	---	loblolly pine----- shortleaf pine----- sweetgum-----	83 77 ---	8 9 ---	loblolly pine
Pr: SHATTA-----	8A	Slight	Slight	Slight	---	---	loblolly pine----- shortleaf pine----- sweetgum-----	83 77 ---	8 9 ---	loblolly pine
Ps: SHATTA-----	8A	Slight	Slight	Slight	---	---	loblolly pine----- shortleaf pine----- sweetgum-----	83 77 ---	8 9 ---	loblolly pine
Pt: SHATTA-----	8A	Slight	Slight	Slight	---	---	loblolly pine----- shortleaf pine----- sweetgum-----	83 77 ---	8 9 ---	loblolly pine
Pv: PRENTISS-----	9W	Slight	Slight	Slight	Moderate	Moderate	cherrybark oak----- loblolly pine----- shortleaf pine----- sweetgum----- white oak-----	90 88 79 90 80	8 9 9 7 4	loblolly pine, slash pine
SHATTA (TILDEN)-	8A	Slight	Slight	Slight	---	---	loblolly pine----- shortleaf pine----- sweetgum-----	83 77 ---	8 9 ---	loblolly pine
Pw: PRENTISS-----	9W	Slight	Slight	Slight	Moderate	Moderate	cherrybark oak----- loblolly pine----- shortleaf pine----- sweetgum----- white oak-----	90 88 79 90 80	8 9 9 7 4	loblolly pine, slash pine

WOODLAND MANAGEMENT AND PRODUCTIVITY--Continued
Bossier Parish, Louisiana: Detailed Soil Map Legend

Map symbol and soil name	Ordination symbol	Management concerns					Potential productivity			
		Erosion hazard	Equipment limitation	Seedling mortality	Wind-throw hazard	Plant competition	Common trees	Site index	Volume of wood fiber	Suggested trees to plant
SHATTA (TILDEN)	8A	Slight	Slight	Slight	---	---	loblolly pine----- shortleaf pine----- sweetgum-----	83 77 ---	8 9 ---	loblolly pine
Ra: SEVERN-----	2A	Slight	Slight	Slight	Slight	Moderate	common hackberry---- eastern cottonwood-- pecan-----	76 100 76	--- 9 ---	American sycamore, black walnut, eastern cottonwood, pecan
Rb: MORELAND-----	4W	Slight	Severe	Moderate	Moderate	Severe	American sycamore--- Nuttall oak----- green ash----- honeylocust----- sugarberry----- sweetgum----- water oak----- willow oak-----	--- --- 90 --- --- 75 90 ---	--- --- 4 --- --- 5 6 ---	Nuttall oak, green ash, sweetgum, water oak
Rc: MORELAND-----	4W	Slight	Severe	Moderate	Moderate	Severe	American sycamore--- Nuttall oak----- green ash----- honeylocust----- sugarberry----- sweetgum----- water oak----- willow oak-----	--- --- 90 --- --- 75 90 ---	--- --- 4 --- --- 5 6 ---	Nuttall oak, green ash, sweetgum, water oak
Rd: MORELAND-----	2W	Slight	Severe	Severe	Severe	Moderate	baldcypress----- black willow----- green ash----- sugarberry----- water hickory-----	--- --- 70 --- ---	--- --- 2 --- ---	baldcypress, green ash
Re: MORELAND-----	4W	Slight	Severe	Moderate	Moderate	Severe	American sycamore--- Nuttall oak----- green ash----- honeylocust----- sugarberry----- sweetgum----- water oak----- willow oak-----	--- --- 90 --- --- 75 90 ---	--- --- 4 --- --- 5 6 ---	Nuttall oak, green ash, sweetgum, water oak
Rf: MORELAND-----	4W	Slight	Severe	Moderate	Moderate	Severe	American sycamore--- Nuttall oak----- green ash----- honeylocust----- sugarberry----- sweetgum----- water oak----- willow oak-----	--- --- 90 --- --- 75 90 ---	--- --- 4 --- --- 5 6 ---	Nuttall oak, green ash, sweetgum, water oak
Rg: RUSTON-----	8A	Slight	Slight	Slight	Slight	Slight	loblolly pine----- shortleaf pine-----	84 75	8 8	loblolly pine
Rh: RUSTON-----	8A	Slight	Slight	Slight	Slight	Slight	loblolly pine----- shortleaf pine-----	84 75	8 8	loblolly pine
Rk: RUSTON-----	8A	Slight	Slight	Slight	Slight	Slight	loblolly pine----- shortleaf pine-----	84 75	8 8	loblolly pine
Rm: RUSTON-----	8A	Slight	Slight	Slight	Slight	Slight	loblolly pine----- shortleaf pine-----	84 75	8 8	loblolly pine

WOODLAND MANAGEMENT AND PRODUCTIVITY--Continued
Bossier Parish, Louisiana: Detailed Soil Map Legend

Map symbol and soil name	Ordination symbol	Management concerns					Potential productivity			Suggested trees to plant
		Erosion hazard	Equipment limitation	Seedling mortality	Wind-throw hazard	Plant competition	Common trees	Site index	Volume of wood fiber	
Rn: ORA-----	8W	Slight	Slight	Slight	Moderate	Moderate	loblolly pine----- shortleaf pine----- sweetgum-----	83 69 80	8 8 6	loblolly pine, slash pine
Ro: ORA-----	8W	Slight	Slight	Slight	Moderate	Moderate	loblolly pine----- shortleaf pine----- sweetgum-----	83 69 80	8 8 6	loblolly pine, slash pine
Rs: ORA-----	8W	Slight	Slight	Slight	Moderate	Moderate	loblolly pine----- shortleaf pine----- sweetgum-----	83 69 80	8 8 6	loblolly pine, slash pine
Rt: ORA-----	8W	Slight	Slight	Slight	Moderate	Moderate	loblolly pine----- shortleaf pine----- sweetgum-----	83 69 80	8 8 6	loblolly pine, slash pine
Ru: RUSTON-----	8A	Slight	Slight	Slight	Slight	Slight	loblolly pine----- shortleaf pine-----	84 75	8 8	loblolly pine
Sa: SAVANNAH-----	8W	Slight	Moderate	Slight	Moderate	Moderate	loblolly pine----- shortleaf pine----- southern red oak----	81 76 75	8 8 4	loblolly pine, slash pine
BOWIE-----	9A	Slight	Slight	Slight	Slight	Slight	loblolly pine----- shortleaf pine-----	86 80	9 9	loblolly pine, shortleaf pine, slash pine
SaA: EASTWOOD-----	9C	Moderate	Moderate	Slight	Slight	Slight	hickory----- loblolly pine----- shortleaf pine----- southern red oak----	--- 86 77 ---	--- 9 9 ---	loblolly pine
SaB: EASTWOOD-----	9C	Moderate	Moderate	Slight	Slight	Slight	hickory----- loblolly pine----- shortleaf pine----- southern red oak----	--- 86 77 ---	--- 9 9 ---	loblolly pine
Sb: SAVANNAH-----	8W	Slight	Moderate	Slight	Moderate	Moderate	loblolly pine----- shortleaf pine----- southern red oak----	81 76 75	8 8 4	loblolly pine, slash pine
BOWIE-----	9A	Slight	Slight	Slight	Slight	Slight	loblolly pine----- shortleaf pine-----	86 80	9 9	loblolly pine, shortleaf pine, slash pine
Sc: METCALF-----	10W	Slight	Moderate	Slight	---	---	loblolly pine----- shortleaf pine----- sweetgum-----	92 74 ---	10 8 ---	loblolly pine
Sd: METCALF-----	10W	Slight	Moderate	Slight	---	---	loblolly pine----- shortleaf pine----- sweetgum-----	92 74 ---	10 8 ---	loblolly pine
Se: SACUL-----	8C	Slight	Moderate	Slight	Moderate	Moderate	loblolly pine----- shortleaf pine-----	84 74	8 8	loblolly pine, shortleaf pine
Sf: SACUL-----	8C	Slight	Moderate	Slight	Moderate	Moderate	loblolly pine----- shortleaf pine-----	84 74	8 8	loblolly pine, shortleaf pine

WOODLAND MANAGEMENT AND PRODUCTIVITY--Continued
Bossier Parish, Louisiana: Detailed Soil Map Legend

Map symbol and soil name	Ordination symbol	Management concerns					Potential productivity			Suggested trees to plant
		Erosion hazard	Equipment limitation	Seedling mortality	Wind-throw hazard	Plant competition	Common trees	Site index	Volume of wood fiber	
Sg: SACUL-----	8C	Slight	Moderate	Slight	Moderate	Moderate	loblolly pine----- shortleaf pine-----	84 74	8 8	loblolly pine, shortleaf pine
Sh: SACUL-----	8C	Slight	Moderate	Slight	Moderate	Moderate	loblolly pine----- shortleaf pine-----	84 74	8 8	loblolly pine, shortleaf pine
Sk: SACUL-----	8C	Slight	Moderate	Slight	Moderate	Moderate	loblolly pine----- shortleaf pine-----	84 74	8 8	loblolly pine, shortleaf pine
Sm: SHUBUTA-----	8C	Slight	Moderate	Slight	Slight	Slight	loblolly pine----- shortleaf pine-----	80 70	8 8	loblolly pine, shortleaf pine
Sn: SHUBUTA-----	8C	Slight	Moderate	Slight	Slight	Slight	loblolly pine----- shortleaf pine-----	80 70	8 8	loblolly pine, shortleaf pine
So: SHUBUTA-----	8C	Slight	Moderate	Slight	Slight	Slight	loblolly pine----- shortleaf pine-----	80 70	8 8	loblolly pine, shortleaf pine
Sp: SHUBUTA-----	8C	Slight	Moderate	Slight	Slight	Slight	loblolly pine----- shortleaf pine-----	80 70	8 8	loblolly pine, shortleaf pine
Sr: SACUL-----	8C	Slight	Moderate	Slight	Moderate	Moderate	loblolly pine----- shortleaf pine-----	84 74	8 8	loblolly pine, shortleaf pine
Ss: SACUL-----	8R	Moderate	Moderate	Slight	Moderate	Moderate	loblolly pine----- shortleaf pine-----	84 74	8 8	loblolly pine, shortleaf pine
St: SACUL-----	8R	Moderate	Moderate	Slight	Moderate	Moderate	loblolly pine----- shortleaf pine-----	84 74	8 8	loblolly pine, shortleaf pine
BOSWELL-----	8C	Slight	Moderate	Slight	Slight	Slight	loblolly pine----- shortleaf pine-----	80 70	8 8	loblolly pine, shortleaf pine
Su: SACUL-----	8R	Moderate	Moderate	Slight	Moderate	Moderate	loblolly pine----- shortleaf pine-----	84 74	8 8	loblolly pine, shortleaf pine
DARLEY-----	8R	Moderate	Moderate	Slight	Slight	Moderate	hickory----- loblolly pine----- shortleaf pine----- southern red oak----- sweetgum----- white oak-----	--- 85 75 --- --- ---	--- 8 8 --- --- ---	loblolly pine
Sv: CADDO-----	10W	Slight	Severe	Moderate	Moderate	Severe	loblolly pine----- sweetgum----- water oak-----	95 --- ---	10 --- ---	loblolly pine
MESSER-----	10W	Slight	Moderate	Slight	Moderate	Moderate	loblolly pine----- longleaf pine----- slash pine----- sweetgum-----	95 75 95 90	10 6 12 7	Shumard's oak, cherrybark oak, loblolly pine, slash pine, water oak
Sw: CADDO-----	10W	Slight	Severe	Moderate	Moderate	Severe	loblolly pine----- sweetgum----- water oak-----	95 --- ---	10 --- ---	loblolly pine

WOODLAND MANAGEMENT AND PRODUCTIVITY--Continued
Bossier Parish, Louisiana: Detailed Soil Map Legend

Map symbol and soil name	Ordination symbol	Management concerns					Potential productivity			
		Erosion hazard	Equipment limitation	Seedling mortality	Windthrow hazard	Plant competition	Common trees	Site index	Volume of wood fiber	Suggested trees to plant
MESSER-----	10W	Slight	Moderate	Slight	Moderate	Moderate	loblolly pine----- longleaf pine----- slash pine----- sweetgum-----	95 75 95 90	10 6 12 7	Shumard's oak, cherrybark oak, loblolly pine, slash pine, water oak
Sx: WRIGHTSVILLE----	4W	Slight	Moderate	Moderate	Severe	Severe	sweetgum----- water oak-----	70 70	4 4	loblolly pine, shortleaf pine, sweetgum, water oak, willow oak
VIDRINE-----	9W	Slight	Moderate	Slight	Moderate	Severe	loblolly pine----- slash pine----- sweetgum-----	90 90 ---	9 11 ---	Shumard's oak, cherrybark oak, loblolly pine, slash pine, water oak
Sy: WRIGHTSVILLE----	4W	Slight	Moderate	Moderate	Severe	Severe	sweetgum----- water oak-----	70 70	4 4	loblolly pine, shortleaf pine, sweetgum, water oak, willow oak
VIDRINE-----	9W	Slight	Moderate	Slight	Moderate	Severe	loblolly pine----- slash pine----- sweetgum-----	90 90 ---	9 11 ---	Shumard's oak, cherrybark oak, loblolly pine, slash pine, water oak
Sz: EASTWOOD-----	10C	Slight	Moderate	Slight	Slight	Slight	hickory----- loblolly pine----- shortleaf pine----- southern red oak----- sweetgum-----	--- 93 --- --- ---	--- 10 --- --- ---	loblolly pine
Td: SHATTA-----	8A	Slight	Slight	Slight	---	---	loblolly pine----- shortleaf pine----- sweetgum-----	83 77 ---	8 9 ---	loblolly pine
Tf: SHATTA-----	8A	Slight	Slight	Slight	---	---	loblolly pine----- shortleaf pine----- sweetgum-----	83 77 ---	8 9 ---	loblolly pine
Ts: SHATTA-----	8A	Slight	Slight	Slight	---	---	loblolly pine----- shortleaf pine----- sweetgum-----	83 77 ---	8 9 ---	loblolly pine
Tv: SHATTA-----	8A	Slight	Slight	Slight	---	---	loblolly pine----- shortleaf pine----- sweetgum-----	83 77 ---	8 9 ---	loblolly pine
UML: UNMAPPED LANDS--	---	---	---	---	---	---	-----	---	---	---
									m3/ha	
Va: WOLFPEN-----	9S	Slight	Slight	Moderate	Slight	Moderate	loblolly pine----- shortleaf pine-----	90 78	9 9	loblolly pine, shortleaf pine, slash pine
Vc: WOLFPEN-----	9S	Slight	Slight	Moderate	Slight	Moderate	loblolly pine----- shortleaf pine-----	90 78	9 9	loblolly pine, shortleaf pine, slash pine

WOODLAND MANAGEMENT AND PRODUCTIVITY--Continued
Bossier Parish, Louisiana: Detailed Soil Map Legend

Map symbol and soil name	Ordination symbol	Management concerns					Potential productivity			
		Erosion hazard	Equipment limitation	Seedling mortality	Windthrow hazard	Plant competition	Common trees	Site index	Volume of wood fiber	Suggested trees to plant
Vf: WOLFPEN-----	9S	Slight	Slight	Moderate	Slight	Moderate	loblolly pine----- shortleaf pine-----	90 78	9 9	loblolly pine, shortleaf pine, slash pine
Vm: WOLFPEN-----	9S	Slight	Slight	Moderate	Slight	Moderate	loblolly pine----- shortleaf pine-----	90 78	9 9	loblolly pine, shortleaf pine, slash pine
Vs: WOLFPEN-----	9S	Slight	Slight	Moderate	Slight	Moderate	loblolly pine----- shortleaf pine-----	90 78	9 9	loblolly pine, shortleaf pine, slash pine
Wr: WRIGHTSVILLE----	4W	Slight	Moderate	Moderate	Severe	Severe	sweetgum----- water oak-----	70 70	4 4	loblolly pine, shortleaf pine, sweetgum, water oak, willow oak
VIDRINE-----	9W	Slight	Moderate	Slight	Moderate	Severe	loblolly pine----- slash pine----- sweetgum-----	90 90 ---	9 11 ---	Shumard's oak, cherrybark oak, loblolly pine, slash pine, water oak
Wt: WRIGHTSVILLE----	4W	Slight	Moderate	Moderate	Severe	Severe	sweetgum----- water oak-----	70 70	4 4	loblolly pine, shortleaf pine, sweetgum, water oak, willow oak
Wv: WRIGHTSVILLE----	4W	Slight	Moderate	Moderate	Severe	Severe	sweetgum----- water oak-----	70 70	4 4	loblolly pine, shortleaf pine, sweetgum, water oak, willow oak
Ya: ARMISTEAD-----	4W	Slight	Moderate	Moderate	Slight	Moderate	American sycamore--- cherrybark oak----- eastern cottonwood-- green ash----- pecan----- sweetgum----- water oak-----	--- 90 110 80 --- 90 90	--- 8 11 4 --- 7 6	American sycamore, eastern cottonwood
Yc: ARMISTEAD-----	4W	Slight	Moderate	Moderate	Slight	Moderate	American sycamore--- cherrybark oak----- eastern cottonwood-- green ash----- pecan----- sweetgum----- water oak-----	--- 90 110 80 --- 90 90	--- 8 11 4 --- 7 6	American sycamore, eastern cottonwood
Yh: NORWOOD-----	9A	Slight	Slight	Slight	Slight	Slight	eastern cottonwood-- water oak-----	100 90	9 6	eastern cottonwood, water oak
Ym: NORWOOD-----	9A	Slight	Slight	Slight	Slight	Slight	eastern cottonwood-- water oak-----	100 90	9 6	eastern cottonwood, water oak
Yn: NORWOOD-----	9A	Slight	Slight	Slight	Slight	Slight	eastern cottonwood-- water oak-----	100 90	9 6	eastern cottonwood, water oak

WOODLAND MANAGEMENT AND PRODUCTIVITY--Continued
Bossier Parish, Louisiana: Detailed Soil Map Legend

Map symbol and soil name	Ordination symbol	Management concerns					Potential productivity			Suggested trees to plant
		Erosion hazard	Equipment limitation	Seedling mortality	Wind-throw hazard	Plant competition	Common trees	Site index	Volume of wood fiber	
Yo: NORWOOD-----	9A	Slight	Slight	Slight	Slight	Slight	eastern cottonwood-- water oak-----	100 90	9 6	eastern cottonwood, water oak
Yp: SEVERN-----	2A	Slight	Slight	Slight	Slight	Moderate	common hackberry---- eastern cottonwood-- pecan-----	76 100 76	--- 9 ---	American sycamore, black walnut, eastern cottonwood, pecan
Yr: SEVERN-----	2A	Slight	Slight	Slight	Slight	Moderate	common hackberry---- eastern cottonwood-- pecan-----	76 100 76	--- 9 ---	American sycamore, black walnut, eastern cottonwood, pecan
Ys: SEVERN-----	2A	Slight	Slight	Slight	Slight	Moderate	common hackberry---- eastern cottonwood-- pecan-----	76 100 76	--- 9 ---	American sycamore, black walnut, eastern cottonwood, pecan
Yt: SEVERN-----	2A	Slight	Slight	Slight	Slight	Moderate	common hackberry---- eastern cottonwood-- pecan-----	76 100 76	--- 9 ---	American sycamore, black walnut, eastern cottonwood, pecan
Yv: SEVERN-----	2A	Slight	Slight	Slight	Slight	Moderate	common hackberry---- eastern cottonwood-- pecan-----	76 100 76	--- 9 ---	American sycamore, black walnut, eastern cottonwood, pecan

