

Table 3. Soil interpretations for woodland

Series	Map Unit Symbol	Map Unit Description	Erosion Hazard	Equipment Limitation	Seedling mortality	Plant Competition	
						Conifers	Hardwoods
Albrights	AbB	Albrights silt loam, 3 to 8 percent slopes	Slight	Slight	Slight	Moderate	Slight
Albrights	AbC	Albrights silt loam, 8 to 15 percent slopes	Moderate	Slight	Slight	Moderate	Slight
Albrights	AcB	Albrights very stony loam, 0 to 8 percent slopes	Slight	Slight	Slight	Moderate	Slight
Albrights	AcC	Albrights very stony silt loam, 8 to 15 percent slopes	Moderate	Slight	Slight	Moderate	Slight
Allegheny	AlB	Allegheny silt loam, 2 to 8 percent slopes	Slight	Slight	Slight	Severe	Moderate
Andover	AnB	Andover channery loam, 0 to 8 percent slopes	Slight	Severe	Severe	Moderate	Severe
Andover	AnC	Andover channery loam, 8 to 15 percent slopes	Moderate	Severe	Severe	Moderate	Severe
Andover	AoB	Andover very stony loam, 0 to 8 percent slopes	Slight	Severe	Severe	Moderate	Severe
Andover	AoC	Andover very stony loam, 8 to 15 percent slopes	Moderate	Severe	Severe	Moderate	Severe
Armagh	ArA	Armagh silt loam, 0 to 3 percent slopes	Slight	Severe	Severe	Moderate	Moderate
Armagh	ArB	Armagh silt loam, 3 to 8 percent slopes	Slight	Severe	Severe	Moderate	Moderate
Atkins	At	Atkins silt loam	Slight	Severe	Severe	Severe	Severe
Basher	Ba	Basher loam	Slight	Slight	Slight	Severe	Moderate
Berks	BkB	Berks shaly silt loam, 3 to 8 percent slopes	Slight	Slight	Moderate	Moderate	Slight
Berks	BkC	Berks shaly silt loam, 8 to 15 percent slopes	Slight	Slight	Moderate	Moderate	Slight
Berks	BkD	Berks shaly silt loam, 15 to 25 percent slopes	Slight	Slight	Moderate	Moderate	Slight
Berks	BID	Berks very stony silt loam, 8 to 25 percent slopes	Slight	Slight	Moderate	Moderate	Slight
Berks	BMF	Berks and Weikert soils, steep	Moderate	Severe	Severe	Slight	Slight
Brinkerton	BrA	Brinkerton silt loam, 0 to 3 percent slopes	Slight	Severe	Severe	Moderate	Moderate
Brinkerton	BrB	Brinkerton silt loam, 3 to 8 percent slopes.	Slight	Severe	Severe	Moderate	Moderate
Brinkerton	BrC	Brinkerton silt loam, 8 to 15 percent slopes	Moderate	Severe	Severe	Moderate	Moderate
Brinkerton	BsB	Brinkerton very stony silt loam, 0 to 8 percent slopes	Slight	Severe	Severe	Moderate	Moderate
Buchanan	BtB	Buchanan loam, 2 to 8 percent slopes	Slight	Slight	Slight	Moderate	Slight
Buchanan	BuB	Buchanan channery loam, 3 to 8 percent slopes	Slight	Slight	Slight	Moderate	Slight
Buchanan	BuC	Buchanan channery loam, 8 to 15 percent slopes	Slight	Slight	Slight	Moderate	Slight
Buchanan	BxB	Buchanan extremely stony loam, 0 to 8 percent slopes	Slight	Moderate	Slight	Moderate	Slight
Buchanan	BxD	Buchanan extremely stony loam, 8 to 25 percent slopes	Moderate	Moderate	Slight	Moderate	Slight
Carlisle	CA	Carlisle muck	Not suited	Not suited	Not suited	Not suited	Not suited
Cavode	CdA	Cavode silt loam, 0 to 3 percent slopes	Slight	Moderate	Slight	Severe	Severe
Cavode	CdB	Cavode silt loam, 3 to 8 percent slopes	Slight	Moderate	Slight	Severe	Severe
Chagrin	Ch	Chagrin soils	Slight	Slight	Slight	Severe	Moderate
Clarksburg	CkA	Clarksburg silt loam, 0 to 3 percent slopes	Slight	Slight	Moderate	Severe	Moderate
Clarksburg	CkB	Clarksburg silt loam, 3 to 8 percent slopes	Slight	Slight	Moderate	Severe	Moderate
Clymer	CIB	Clymer sandy loam, 3 to 8 percent slopes	Slight	Slight	Slight	Severe	Moderate
Clymer	CIC	Clymer sandy loam, 8 to 15 percent slopes	Slight	Slight	Slight	Severe	Moderate
Clymer	CvB	Clymer very stony sandy loam, 0 to 8 percent slopes	Slight	Slight	Slight	Severe	Moderate
Clymer	CvD	Clymer very stony sandy loam, 8 to 25 percent slopes	Slight	Moderate	Slight	Severe	Moderate
Dunning	Du	Dunning silty clay loam	Slight	Severe	Severe	Severe	Severe
Edom	EdB	Edom silt loam, 2 to 8 percent slopes	Slight	Slight	Slight	Severe	Moderate
Edom	EdC	Edom silt loam, 8 to 15 percent slopes	Slight	Slight	Slight	Severe	Moderate
Edom	EdD	Edom silt loam, 15 to 25 percent slopes	Slight	Moderate	Slight	Severe	Moderate
Ernest	ErB	Ernest channery silt loam, 3 to 8 percent slopes	Slight	Moderate	Slight	Severe	Moderate
Ernest	ErC	Ernest channery silt loam, 8 to 15 percent slopes	Slight	Moderate	Slight	Severe	Moderate
Ernest	ErD	Ernest channery silt loam, 15 to 25 percent slopes	Moderate	Moderate	Slight	Severe	Moderate
Ernest	EvB	Ernest very stony silt loam, 3 to 8 percent slopes	Slight	Moderate	Slight	Severe	Moderate

Species suitable-	
Windthrow hazard For favoring in existing stands	
Slight	N. red oak, yellow-poplar, white ash, sugar maple, E. white pine
Slight	N. red oak, yellow-poplar, white ash, sugar maple, E. white pine
Slight	N. red oak, yellow-poplar, white ash, sugar maple, E. white pine
Slight	N. red oak, yellow-poplar, white ash, sugar maple, E. white pine
Slight	N. red oak, yellow-poplar, black walnut, sugar maple
Moderate	N. red oak, red maple, white ash, yellow-poplar, sugar maple
Moderate	N. red oak, red maple, white ash, yellow-poplar, sugar maple
Moderate	N. red oak, red maple, white ash, yellow-poplar, sugar maple
Moderate	N. red oak, red maple, white ash, yellow-poplar, sugar maple
Moderate	N. red oak, red maple, white ash, sugar maple
Moderate	N. red oak, red maple, white ash, sugar maple
Moderate	Pin oak, American sycamore, red maple
Slight	N. red oak, yellow-poplar, black walnut, white ash, sugar maple
Slight	N. red, oak, E. white pine, black oak, VA pine
Slight	N. red, oak, E. white pine, black oak, VA pine
Slight	N. red, oak, E. white pine, black oak, VA pine
Slight	N. red, oak, E. white pine, black oak, VA pine
Moderate	Black oak, chestnut oak, VA pine, N. red oak
Moderate	N. red oak, yellow-poplar, white ash, red maple, sugar maple
Moderate	N. red oak, yellow-poplar, white ash, red maple, sugar maple
Moderate	N. red oak, yellow-poplar, white ash, red maple, sugar maple
Moderate	N. red oak, yellow-poplar, white ash, red maple, sugar maple
Slight	N. red oak, yellow-poplar, white ash, red maple, sugar maple
Slight	N. red oak, yellow-poplar, white ash, red maple, sugar maple
Slight	N. red oak, yellow-poplar, white ash, red maple, sugar maple
Slight	N. red oak, yellow-poplar, white ash, red maple, sugar maple
Slight	N. red oak, yellow-poplar, white ash, red maple, sugar maple
Not suited	Not suited
Moderate	N. red oak, yellow-poplar, E. white pine, sugar maple, white ash, red maple
Moderate	N. red oak, yellow-poplar, E. white pine, sugar maple, white ash, red maple
Slight	N. red oak, yellow-poplar, black walnut, white ash, sugar maple
Slight	N. red oak, yellow-poplar, white ash, sugar maple
Slight	N. red oak, yellow-poplar, white ash, sugar maple
Slight	N. red, oak, E. white pine, yellow-poplar, black oak, white ash, sugar maple
Slight	N. red, oak, E. white pine, yellow-poplar, black oak, white ash, sugar maple
Slight	N. red, oak, E. white pine, yellow-poplar, black oak, white ash, sugar maple
Severe	Pin oak, American sycamore, red maple
Slight	Yellow-poplar, N. red oak, white ash, sugar maple
Slight	Yellow-poplar, N. red oak, white ash, sugar maple
Slight	Yellow-poplar, N. red oak, white ash, sugar maple
Slight	N. red oak, sugar maple, yellow-poplar, white ash
Slight	N. red oak, sugar maple, yellow-poplar, white ash
Slight	N. red oak, sugar maple, yellow-poplar, white ash
Slight	N. red oak, sugar maple, yellow-poplar, white ash

For planting or seeding

[illegible]

Table 3. Soil interpretations for woodland

Site quality	Site quality
Rating	Species
Good	N. red oak, white ash, sugar maple, red maple, yellow-poplar
Very Good	N. red oak, white ash, sugar maple, red maple, yellow-poplar
Good	N. red oak, white ash, sugar maple, red maple, yellow-poplar
Very Good	N. red oak, white ash, sugar maple, red maple, yellow-poplar
Very Good	N. red oak, yellow-poplar, black walnut, white ash, sugar maple
Good	N. red oak, white ash, sugar maple, red maple, yellow-poplar
Good	N. red oak, white ash, sugar maple, red maple, yellow-poplar
Good	N. red oak, white ash, sugar maple, red maple, yellow-poplar
Good	N. red oak, white ash, sugar maple, red maple, yellow-poplar
Very Good	N. red oak, red maple, sugar maple, white ash
Very Good	N. red oak, red maple, sugar maple, white ash
Excellent for pin oak; poor for other	Red maple
Excellent	Yellow-poplar, N. red oak, black walnut, sugar maple, white ash
Good	N. red oak, E. white pine, VA pine, black oak
Good	N. red oak, E. white pine, VA pine, black oak
Good	N. red oak, E. white pine, VA pine, black oak
Good	N. red oak, E. white pine, VA pine, black oak
Fair	N. red oak, black oak, VA pine
Very Good	N. red oak, white ash, red maple, sugar maple, yellow-poplar
Very Good	N. red oak, white ash, red maple, sugar maple, yellow-poplar
Very Good	N. red oak, white ash, red maple, sugar maple, yellow-poplar
Very Good	N. red oak, white ash, red maple, sugar maple, yellow-poplar
Good	N. red oak, red maple, white ash, yellow-poplar, sugar maple
Good	N. red oak, red maple, white ash, yellow-poplar, sugar maple
Good	N. red oak, red maple, white ash, yellow-poplar, sugar maple
Good	N. red oak, red maple, white ash, yellow-poplar, sugar maple
Good	N. red oak, red maple, white ash, yellow-poplar, sugar maple
Not suited	Not suited
Very Good	N. red oak, yellow-poplar, white ash, E. white pine, sugar maple
Very Good	N. red oak, yellow-poplar, white ash, E. white pine, sugar maple
Excellent	Yellow-poplar, N. red oak, black walnut, sugar maple, white ash
Very Good	N. red oak, white ash, sugar maple, yellow-poplar
Very Good	N. red oak, white ash, sugar maple, yellow-poplar
Very Good	N. red oak, black oak, white ash, sugar maple, yellow-poplar
Very Good	N. red oak, black oak, white ash, sugar maple, yellow-poplar
Very Good	N. red oak, black oak, white ash, sugar maple, yellow-poplar
Very Good	N. red oak, black oak, white ash, sugar maple, yellow-poplar
Excellent for pin oak; poor for other species	Red maple
Very Good	N. red oak, yellow-poplar, white ash, sugar maple
Very Good	N. red oak, yellow-poplar, white ash, sugar maple
Very Good	N. red oak, yellow-poplar, white ash, sugar maple
Very Good	N. red oak, white ash, sugar maple, yellow-poplar
Very Good	N. red oak, white ash, sugar maple, yellow-poplar
Very Good	N. red oak, white ash, sugar maple, yellow-poplar
Very Good	N. red oak, white ash, sugar maple, yellow-poplar

Table 3. Soil interpretations for woodland

Ernest	EvD	Ernest very stony silt loam, 8 to 25 percent	Moderate	Moderate	Slight	Severe	Moderate
Gilpin	GIB	Gilpin channery silt loam, 2 to 8 percent slopes	Slight	Slight	Slight	Slight	Moderate
Gilpin	GIC	Gilpin channery silt loam, 8 to 15 percent slopes	Slight	Slight	Slight	Slight	Moderate
Gilpin	GID	Gilpin channery silt loam, 15 to 25 percent slopes	Moderate	Moderate	Slight	Slight	Moderate
Hagerstown	HaA	Hagerstown silt loam, 0 to 3 percent slopes	Slight	Slight	Slight	Severe	Severe
Hagerstown	HaB	Hagerstown silt loam, 3 to 8 percent slopes	Slight	Slight	Slight	Severe	Severe
Hagerstown	HaC	Hagerstown silt loam, 8 to 15 percent slopes	Slight	Slight	Slight	Severe	Severe
Hagerstown	HcB	Hagerstown silty clay loam, 3 to 8 percent slopes	Slight	Slight	Slight	Severe	Severe
Hagerstown	HcC	Hagerstown silty clay loam, 8 to 15 percent slopes	Slight	Slight	Slight	Severe	Severe
Hagerstown	HcD	Hagerstown silty clay loam, 15 to 25 percent slopes	Moderate	Moderate	Slight	Severe	Severe
Hazelton	HhB	Hazelton channery sandy loam, 3 to 8 percent slopes	Slight	Slight	Moderate	Moderate	Slight
Hazelton	HhC	Hazelton channery sandy loam, 8 to 15 percent slopes	Slight	Slight	Moderate	Moderate	Slight
Hazelton	HhD	Hazelton channery sandy loam, 15 to 25 percent slopes	Slight	Moderate	Severe	Moderate	Slight
Hazelton	HSB	Hazelton extremely stony sandy loam, gently sloping	Slight	Moderate	Severe	Moderate	Slight
Hazelton	HSD	Hazelton extremely stony sandy loam, moderately steep	Slight	Moderate	Severe	Moderate	Slight
Hazelton	HTF	Hazelton-Dekalb association, very steep	Moderate	Severe	Severe	Slight	Slight
Hublersburg	HuA	Hublersburg silt loam, 0 to 3 percent slopes	Slight	Slight	Slight	Severe	Severe
Hublersburg	HuB	Hublersburg silt loam, 3 to 8 percent slopes	Slight	Slight	Slight	Severe	Severe
Hublersburg	HuC	Hublersburg silt loam, 8 to 15 percent slopes	Slight	Slight	Slight	Severe	Severe
Hublersburg	HuD	Hublersburg silt loam, 15 to 25 percent slopes	Moderate	Moderate	Slight	Severe	Severe
Laidig	LaB	Laidig channery loam, 3 to 8 percent slopes	Slight	Slight	Slight	Moderate	Slight
Laidig	LaC	Laidig channery loam, 8 to 15 percent slopes	Slight	Slight	Slight	Moderate	Slight
Laidig	LaD	Laidig channery loam, 15 to 25 percent slopes	Slight	Moderate	Slight	Moderate	Slight
Laidig	LcB	Laidig extremely stony loam, 0 to 8 percent slopes	Slight	Moderate	Slight	Moderate	Slight
Laidig	LcD	Laidig extremely stony loam, 8 to 25 percent slopes	Slight	Moderate	Slight	Moderate	Slight
Laidig	LDF	Laidig extremely stony loam, steep	Moderate	Severe	Slight	Moderate	Slight
Leck Kill	LkB	Leck Kill channery silt loam, 3 to 8 percent slopes	Slight	Slight	Slight	Moderate	Slight
Leck Kill	LkC	Leck Kill channery silt loam, 8 to 15 percent slopes	Slight	Slight	Slight	Moderate	Slight
Leck Kill	LkD	Leck Kill channery silt loam, 15 to 25 percent slopes	Slight	Moderate	Slight	Moderate	Slight
Leck Kill	LiB	Leck Kill very stony silt loam, 0 to 8 percent slopes	Slight	Slight	Slight	Moderate	Slight
Leck Kill	LID	Leck Kill very stony silt loam, 8 to 25 percent slopes	Slight	Moderate	Slight	Moderate	Slight
Leck Kill	LMF	Leck Kill and Calvin soils, steep	Moderate	Severe	Moderate	Moderate	Slight
Leetonia	LtB	Leetonia extremely stony loamy sand, 0 to 12 percent slopes	Slight	Moderate	Severe	Slight	Slight
Leetonia	LvB	Leetonia sand, variant, 3 to 8 percent slopes	Slight	Moderate	Severe	Slight	Slight
Leetonia	LvC	Leetonia sand, variant, 8 to 15 percent slopes	Slight	Moderate	Severe	Slight	Slight
Lindside	Lx	Lindside soils	Slight	Slight	Slight	Severe	Severe
Markes	MaB	Markes silt loam, 2 to 10 percent slopes	Slight	Severe	Severe	Severe	Severe
Meckesville	MeB	Meckesville silt loam, 3 to 8 percent slopes	Slight	Slight	Slight	Severe	Moderate
Meckesville	MeC	Meckesville silt loam, 8 to 15 percent slopes	Slight	Slight	Slight	Severe	Moderate
Meckesville	MkB	Meckesville very stony silt loam, 0 to 8 percent slopes	Slight	Slight	Slight	Severe	Moderate
Meckesville	MkD	Meckesville very stony silt loam, 8 to 25 percent slopes	Moderate	Moderate	Slight	Severe	Moderate
Melvin	Mm	Melvin silt loam	Slight	Severe	Severe	Severe	Severe
Millheim	MnB	Millheim silt loam, 2 to 8 percent slopes	Slight	Slight	Slight	Severe	Moderate
Millheim	MnC	Millheim silt loam, 8 to 15 percent slopes	Slight	Slight	Slight	Severe	Moderate
Millheim	MnD	Millheim silt loam, 15 to 25 percent slopes	Slight	Moderate	Slight	Severe	Moderate
Monongahela	MoB	Monongahela silt loam, 2 to 8 percent slopes	Slight	Moderate	Slight	Moderate	Slight
Morrison	MrB	Morrison sandy loam, 2 to 8 percent slopes	Slight	Slight	Slight	Moderate	Slight
Morrison	MrC	Morrison sandy loam, 8 to 15 percent slopes	Slight	Slight	Slight	Moderate	Slight
Morrison	MrD	Morrison sandy loam, 15 to 25 percent slopes	Slight	Moderate	Slight	Moderate	Slight

[illegible]

Table 3. Soil interpretations for woodland

Very Good	N. red oak, white ash, sugar maple, yellow-poplar
Very Good	N. red oak, white ash, yellow-poplar, E. white pine, sugar maple
Very Good	N. red oak, white ash, yellow-poplar, E. white pine, sugar maple
Very Good	N. red oak, white ash, yellow-poplar, E. white pine, sugar maple
Excellent	N. red oak, white ash, sugar maple, yellow-poplar
Excellent	N. red oak, white ash, sugar maple, yellow-poplar
Excellent	N. red oak, white ash, sugar maple, yellow-poplar
Excellent	N. red oak, white ash, sugar maple, yellow-poplar
Excellent	N. red oak, white ash, sugar maple, yellow-poplar
Good	N. red oak, white ash, sugar maple, yellow-poplar
Good	N. red oak, white ash, sugar maple, yellow-poplar
Good	N. red oak, white ash, sugar maple, yellow-poplar
Good	N. red oak, white ash, sugar maple, yellow-poplar
Good	N. red oak, white ash, sugar maple, yellow-poplar
Fair	Black oak, E. white pine, VA pine
Very Good	N. red oak, yellow-poplar, black walnut, white ash, sugar maple
Very Good	N. red oak, yellow-poplar, black walnut, white ash, sugar maple
Very Good	N. red oak, yellow-poplar, black walnut, white ash, sugar maple
Very Good	N. red oak, yellow-poplar, black walnut, white ash, sugar maple
Good	N. red oak, white ash, sugar maple, yellow-poplar
Good	N. red oak, white ash, sugar maple, yellow-poplar
Good	N. red oak, white ash, sugar maple, yellow-poplar
Good	N. red oak, white ash, sugar maple, yellow-poplar
Good	N. red oak, white ash, sugar maple, yellow-poplar
Good	N. red oak, white ash, sugar maple, yellow-poplar
Good	N. red oak, VA pine, E. white pine, black oak, white ash, sugar maple
Good	N. red oak, VA pine, E. white pine, black oak, white ash, sugar maple
Good	N. red oak, VA pine, E. white pine, black oak, white ash, sugar maple
Good	N. red oak, VA pine, E. white pine, black oak, white ash, sugar maple
Good	N. red oak, VA pine, E. white pine, black oak, white ash, sugar maple
Good	N. red oak, VA pine, E. white pine, black oak, white ash, sugar maple
Poor	Black oak, chestnut oak, pitch pine
Fair	Black oak, chestnut oak, pitch pine
Fair	Black oak, chestnut oak, pitch pine
Excellent	N. red oak, yellow-poplar, black walnut, white ash, sugar maple
Fair	Red maple
Very Good	N. red oak, yellow-poplar, E. white pine, white ash, sugar maple
Very Good	N. red oak, yellow-poplar, E. white pine, white ash, sugar maple
Very Good	N. red oak, yellow-poplar, E. white pine, white ash, sugar maple
Very Good	N. red oak, yellow-poplar, E. white pine, white ash, sugar maple
Excellent for pin oak; fair for other species	Red maple, E. white pine
Very Good	N. red oak, yellow-poplar, E. white pine, white ash, sugar maple
Very Good	N. red oak, yellow-poplar, E. white pine, white ash, sugar maple
Very Good	N. red oak, yellow-poplar, E. white pine, white ash, sugar maple
Good	N. red oak, white ash, sugar maple, yellow-poplar, E. white pine
Good	N. red oak, yellow-poplar, black oak, white ash, sugar maple
Good	N. red oak, yellow-poplar, black oak, white ash, sugar maple
Good	N. red oak, yellow-poplar, black oak, white ash, sugar maple

Table 3. Soil interpretations for woodland

Morrison	MsB	Morrison very stony sandy loam, 0 to 8 percent slopes	Slight	Slight	Slight	Moderate	Slight
Morrison	MsD	Morrison very stony sandy loam, 8 to 25 percent slopes	Slight	Moderate	Slight	Moderate	Slight
Morrison	MTF	Morrison very stony sandy loam, steep	Moderate	Severe	Slight	Moderate	Slight
Murrill	MuA	Murrill channery silt loam, 0 to 3 percent slopes	Slight	Slight	Slight	Moderate	Slight
Murrill	MuB	Murrill channery silt loam, 3 to 8 percent slopes	Slight	Slight	Slight	Moderate	Slight
Murrill	MuC	Murrill channery silt loam, 8 to 15 percent slopes	Slight	Slight	Slight	Moderate	Slight
Murrill	MuD	Murrill channery silt loam, 15 to 25 percent slopes	Slight	Moderate	Slight	Moderate	Slight
Murrill	MvB	Murrill very stony silt loam, 0 to 8 percent slopes	Slight	Slight	Slight	Moderate	Slight
Murrill	MvD	Murrill very stony silt loam, 8 to 25 percent slopes	Slight	Moderate	Slight	Moderate	Slight
Nolin	No	Nolin silt loam, local alluvium, 0 to 5 percent slopes	Slight	Slight	Slight	Severe	Moderate
Opequon	OhB	Opequon-Hagerstown complex, 3 to 8 percent slopes	Slight	Slight	Severe	Severe	Moderate
Opequon	OhC	Opequon-Hagerstown complex, 8 to 15 percent slopes	Moderate	Moderate	Severe	Severe	Moderate
Opequon	OhD	Opequon-Hagerstown complex, 15 to 25 percent slopes	Severe	Severe	Severe	Severe	Moderate
Opequon	ORF	Opequon-Hagerstown complex, steep (Opequon part)	Severe	Severe	Severe	Severe	Moderate
	ORF	Opequon-Hagerstown complex, steep (Hagerstown part)	Severe	Severe	Slight	Severe	Severe
Opequon	OxB	Opequon-Rock outcrop complex, 0 to 8 percent slopes	Slight	Slight	Severe	Severe	Moderate
Opequon	OxD	Opequon-Rock outcrop complex, 8 to 25 percent slopes	Severe	Severe	Severe	Severe	Moderate
Philo	Ph	Philo loam	Slight	Slight	Slight	Severe	Moderate
Philo	Pk	Philo and Atkins very stony soils (Philo part)	Slight	Slight	Slight	Severe	Moderate
Philo	Pk	Philo and Atkins very stony soils (Atkins part)	Severe	Severe	Severe	Severe	Severe
Pope	Po	Pope soils	Slight	Slight	Slight	Severe	Moderate
Purdy	Pu	Purdy silt loam	Slight	Severe	Severe	Moderate	Moderate
Rayne	RaB	Rayne silt loam, 2 to 10 percent slopes	Slight	Slight	Slight	Severe	Moderate
Rubble land	Ru	Rubble land	Not suited	Not suited	Not suited	Not suited	Not suited
Strip mines	Sm	Strip mines, acid (Properties to variable to be rated)					
Tyler	Ty	Tyler silt loam	Slight	Moderate	Moderate	Severe	Severe
Ungers	UmB	Ungers channery loam, 3 to 8 percent slopes	Slight	Slight	Slight	Moderate	Slight
Ungers	UmC	Ungers channery loam, 8 to 15 percent slopes	Slight	Slight	Slight	Moderate	Slight
Ungers	UmD	Ungers channery loam, 15 to 25 percent slopes	Slight	Moderate	Slight	Moderate	Slight
Ungers	UnB	Ungers very stony loam, 0 to 8 percent slopes	Slight	Slight	Slight	Moderate	Slight
Ungers	UnD	Ungers very stony loam, 8 to 25 percent slopes	Slight	Moderate	Slight	Moderate	Slight
Urban land	URB	Urban land	Not suited	Not suited	Not suited	Not suited	Not suited
Vanderlip	VaC	Vanderlip loamy sand, 5 to 20 percent slopes	Slight	Moderate	Severe	Slight	Slight
Weikert	WeC	Weikert shaly silt loam, 5 to 15 percent slopes	Slight	Slight	Severe	Slight	Slight
Weikert	WeD	Weikert shaly silt loam, 15 to 25 percent slopes	Slight	Moderate	Severe	Slight	Slight
Wharton	WhA	Wharton silt loam 0 to 3 percent slopes	Slight	Slight	Slight	Severe	Moderate
Wharton	WhB	Wharton silt loam, 3 to 8 percent slopes	Slight	Slight	Slight	Severe	Moderate
Wharton	WhC	Wharton silt loam, 8 to 15 percent slopes	Moderate	Slight	Slight	Severe	Moderate
Wyoming	Wy	Wyoming gravelly sandy loam, rarely flooded, 0 to 5 percent slopes	Slight	Slight	Severe	Moderate	Slight

Table 3. Soil interpretations for woodland

Slight	Black oak, N. red oak, VA pine, white ash, sugar maple, yellow-poplar	E. white pine, European parch, Norway spruce, VA pine, yellow-poplar, red pine
Slight	Black oak, N. red oak, VA pine, white ash, sugar maple, yellow-poplar	E. white pine, European parch, Norway spruce, VA pine, yellow-poplar, red pine
Slight	Black oak, N. red oak, VA pine, white ash, sugar maple, yellow-poplar	E. white pine, European parch, Norway spruce, VA pine, yellow-poplar, red pine
Slight	N. red oak, yellow-poplar, white ash, sugar maple	E. white pine, yellow-poplar, European larch, Norway spruce, red pine, VA pine
Slight	N. red oak, yellow-poplar, white ash, sugar maple	E. white pine, yellow-poplar, European larch, Norway spruce, red pine, VA pine
Slight	N. red oak, yellow-poplar, white ash, sugar maple	E. white pine, yellow-poplar, European larch, Norway spruce, red pine, VA pine
Slight	N. red oak, yellow-poplar, white ash, sugar maple	E. white pine, yellow-poplar, European larch, Norway spruce, red pine, VA pine
Slight	N. red oak, yellow-poplar, white ash, sugar maple	E. white pine, yellow-poplar, European larch, Norway spruce, red pine, VA pine
Slight	N. red oak, yellow-poplar, black walnut, white ash, sugar maple	E. white pine, yellow-poplar, black walnut, European larch, Norway spruce
Moderate	N. red oak, black oak, chestnut oak, VA pine, E. white pine	E. white pine, VA pine
Moderate	N. red oak, black oak, chestnut oak, VA pine, E. white pine	E. white pine, VA pine
Moderate	N. red oak, black oak, chestnut oak, VA pine, E. white pine	E. white pine, VA pine
Moderate	N. red oak, yellow-poplar, black walnut, white ash, sugar maple	E. white pine, VA pine
Slight	N. red oak, yellow-poplar, black walnut, white ash, sugar maple	E. white pine, black walnut, yellow-poplar, European larch
Moderate	N. red oak, black oak, chestnut oak, VA pine, E. white pine	VA pine, E. white pine
Moderate	N. red oak, black oak, chestnut oak, VA pine, E. white pine	VA pine, E. white pine
Slight	Sugar maple, yellow-poplar, black walnut, N. red oak, E. white pine, white ash	Yellow-poplar, black walnut, European larch, Norway spruce, red pine, E. white pine
Slight	Yellow-poplar, black walnut, N. red oak, white ash, sugar maple, E. white pine	Yellow-poplar, black walnut, European larch, Norway spruce, red pine, E. white pine
Moderate	Pin oak, American sycamore, red maple	E. white pine, white spruce
Slight	Yellow-poplar, black walnut, N. red oak, white ash, sugar maple, E. white pine	Yellow-poplar, black walnut, N. red oak, white ash, sugar maple, E. white pine
Moderate	Pin oak, red maple, American sycamore	E. white pine, white spruce
Slight	Yellow-poplar, N. red oak, white ash, sugar maple	Yellow-poplar, European larch, Norway spruce, E. white pine
Not suited	Not suited	Not suited
Moderate	N. red oak, yellow-poplar, white ash, black oak, sugar maple	E. white pine, yellow poplar, European larch, Norway spruce
Slight	N. red oak, VA pine, E. white pine, white oak	E. white pine, VA pine, European larch, Norway spruce, red pine
Slight	N. red oak, VA pine, E. white pine, white oak	E. white pine, VA pine, European larch, Norway spruce, red pine
Slight	N. red oak, VA pine, E. white pine, white oak	E. white pine, VA pine, European larch, Norway spruce, red pine
Slight	N. red oak, VA pine, E. white pine, white oak	E. white pine, VA pine, European larch, Norway spruce, red pine
Slight	N. red oak, VA pine, E. white pine, white oak	E. white pine, VA pine, European larch, Norway spruce, red pine
Not suited	Not suited	Not suited
Slight	E. white pine, N. red oak, black oak, VA pine	E. white pine, VA pine, European larch, red pine, Norway spruce
Slight	VA pine, chestnut oak, black oak, N. red oak	VA pine, E. white pine, red pine
Slight	VA pine, chestnut oak, black oak, N. red oak	VA pine, E. white pine, red pine
Slight	N. red oak, E. white pine, yellow-poplar, sugar maple, white ash, black walnut	E. white pine, yellow-poplar, European larch, Norway spruce, black walnut
Slight	N. red oak, E. white pine, yellow-poplar, sugar maple, white ash, black walnut	E. white pine, yellow-poplar, European larch, Norway spruce, black walnut
Slight	N. red oak, E. white pine, yellow-poplar, sugar maple, white ash, black walnut	E. white pine, yellow-poplar, European larch, Norway spruce, black walnut
Slight	N. red oak, black oak, red maple, E. white pine	E. white pine, VA pine, red pine

Table 3. Soil interpretations for woodland

Good	N. red oak, yellow-poplar, black oak, white ash, sugar maple
Good	N. red oak, yellow-poplar, black oak, white ash, sugar maple
Good	N. red oak, yellow-poplar, black oak, white ash, sugar maple
Good	N. red oak, white ash, sugar maple, yellow-poplar
Good	N. red oak, white ash, sugar maple, yellow-poplar
Good	N. red oak, white ash, sugar maple, yellow-poplar
Good	N. red oak, white ash, sugar maple, yellow-poplar
Good	N. red oak, white ash, sugar maple, yellow-poplar
Good	N. red oak, white ash, sugar maple, yellow-poplar
Excellent	N. red oak, yellow-poplar, black walnut, white ash, sugar maple
Good	N. red oak, black oak, chestnut oak, VA pine
Good	N. red oak, black oak, chestnut oak, VA pine
Good	N. red oak, black oak, chestnut oak, VA pine
Good	N. red oak, black oak, chestnut oak, VA pine
Excellent	N. red oak, white ash, sugar maple, yellow-poplar
Good	N. red oak, black oak, chestnut oak, VA pine
Good	N. red oak, black oak, chestnut oak, VA pine
Very Good	N. red oak, white ash, yellow-poplar, sugar maple
Very Good	N. red oak, white ash, yellow-poplar, sugar maple
Excellent for pin oak; fair for other species	Red maple
Excellent	Yellow-poplar, black walnut, N. red oak, E. white pine sugar maple
Fair	Red maple
Very Good	N. red oak, yellow-poplar, white ash, sugar maple
Not suited	Not suited
Very Good	N. red oak, white ash, yellow-poplar, sugar maple
Good	N. red oak, E. white pine, VA pine
Good	N. red oak, E. white pine, VA pine
Good	N. red oak, E. white pine, VA pine
Good	N. red oak, E. white pine, VA pine
Good	N. red oak, E. white pine, VA pine
Not suited	Not suited
Good	N. red oak, black oak, VA pine
Fair	N. red oak, black oak, chestnut oak, VA pine
Fair	N. red oak, black oak, chestnut oak, VA pine
Very Good	N. red oak, white ash, sugar maple, yellow-poplar
Very Good	N. red oak, white ash, sugar maple, yellow-poplar
Very Good	N. red oak, white ash, sugar maple, yellow-poplar
Fair	N. red oak, E. white pine, black oak, red maple