

One x One Degree
Climate Change Atlas Tree Species

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Landscape Change Research Group
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Current and Potential Future Habitat, Capability, and Migration

Common Name	Scientific Name	Range	MR	%Cell	FIAsum	FIAiv	ChngCl45	ChngCl85	Adap	Abund	Capabil45	Capabil85	SHIFT45	SHIFT85	SSO	N
cedar elm	Ulmus crassifolia	NDH	Medium	14.6	112.0	22.5	Lg. dec.	Lg. dec.	Low	Common	Very Poor	Very Poor			0	1
live oak	Quercus virginiana	NDH	High	10.7	67.5	13.3	Lg. dec.	Lg. dec.	Medium	Common	Poor	Poor			0	2
sugarberry	Celtis laevigata	NDH	Medium	13.5	42.0	8.7	Lg. dec.	Lg. dec.	Medium	Rare	Very Poor	Very Poor			0	3
hackberry	Celtis occidentalis	WDH	Medium	1.4	14.1	8.9	Lg. dec.	Lg. dec.	High	Rare	Poor	Poor	Infill +		1	4
green ash	Fraxinus pennsylvanica	WSH	Low	4.5	3.1	5.8	Sm. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor			0	5
winged elm	Ulmus alata	WDL	Medium	3.7	2.5	11.0	Sm. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor			0	6
red mulberry	Morus rubra	NSL	Low	1.7	1.0	2.0	Sm. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor			0	7
Texas ash	Fraxinus texensis	NDH	FIA	0.8	0.6	0.5	Unknown	Unknown	NA	Rare	FIA Only	FIA Only			0	8
eastern redbud	Cercis canadensis	NSL	Low	0	0	0	Unknown	Unknown	Medium	Absent	Unknown	Unknown			0	9
common persimmon	Diospyros virginiana	NSL	Low	0	0	0	Unknown	Unknown	High	Absent	Unknown	Unknown			0	10
black walnut	Juglans nigra	WDH	Low	0	0	0	Unknown	Unknown	Medium	Absent	Unknown	Unknown			0	11
redbay	Persea borbonia	NSL	Low	0	0	0	Unknown	Unknown	High	Absent	Unknown	Unknown			0	12
post oak	Quercus stellata	WDH	High	0	0	0	New Habitat	New Habitat	High	Absent	New Habitat	New Habitat	Likely +	Likely +	3	13