

One x One Degree
 Climate Change Atlas Tree Species
 Current and Potential Future Habitat, Capability, and Migration

Common Name	Scientific Name	Range	MR	%Cell	FIAsum	FIAiv	ChngCI45	ChngCI85	Adap	Abund	Capabil45	Capabil85	SHIFT45	SHIFT85	SSO	N
live oak	Quercus virginiana	NDH	High	92	4074.48	41.08	No change	No change	Medium	Abundant	Good	Good			1	1
ashe juniper	Juniperus ashei	NDH	High	74.4	2880.32	38.74	No change	No change	NA	Abundant	Unknown	Unknown			0	2
post oak	Quercus stellata	WDH	High	16.4	255.06	14.37	Sm. dec.	Sm. dec.	High	Common	Fair	Fair			1	3
cedar elm	Ulmus crassifolia	NDH	Medium	7.5	98.67	7.08	Sm. inc.	Sm. inc.	Low	Common	Fair	Fair			1	4
sugarberry	Celtis laevigata	NDH	Medium	8.9	51.14	4.8	No change	No change	Medium	Common	Fair	Fair			1	5
black walnut	Juglans nigra	WDH	Low	4	35.17	7.19	Sm. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor			0	6
southern red oak	Quercus falcata	WDL	Medium	2.2	19.34	10.3	Sm. dec.	Sm. dec.	High	Rare	Poor	Poor			0	7
pecan	Carya illinoensis	NSH	Low	6	11.04	4.22	Sm. dec.	Sm. dec.	Low	Rare	Very Poor	Very Poor			0	8
blackjack oak	Quercus marilandica	NSL	Medium	3.9	9.7	2.6	No change	No change	High	Rare	Fair	Fair	Infill +	Infill +	1	9
durand oak	Quercus sinuata var. sinuata	NSL	FIA	5.6	7.8	2.83	Unknown	Unknown	Medium	Rare	FIA Only	FIA Only			0	10
black cherry	Prunus serotina	WDL	Medium	3	5.61	2.21	Lg. dec.	Lg. dec.	Low	Rare	Very Poor	Very Poor			0	11
cittamwood/gum bumelia	Sideroxylon lanuginosum ssp	NSL	Low	8.6	4.53	0.7	Lg. inc.	Lg. inc.	High	Rare	Good	Good			1	12
American elm	Ulmus americana	WDH	Medium	4.7	3.29	3.39	Sm. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor			0	13
eastern redbud	Cercis canadensis	NSL	Low	0.9	1.74	1.85	Sm. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor			0	14
Shumard oak	Quercus shumardii	NSL	Low	0.9	1.6	1.7	Sm. dec.	Sm. dec.	High	Rare	Poor	Poor			0	15
wild plum	Prunus americana	NSLX	FIA	0.9	1.46	1.55	Unknown	Unknown	Medium	Rare	FIA Only	FIA Only			0	16
pin oak	Quercus palustris	NSH	Low	0.9	1.34	1.43	Sm. dec.	Sm. dec.	Low	Rare	Very Poor	Very Poor			0	17
black hickory	Carya texana	NDL	High	0.3	1.16	0.43	Sm. dec.	Very Lg. dec.	Medium	Rare	Very Poor	Lost			0	18
hackberry	Celtis occidentalis	WDH	Medium	0	0	0	New Habitat	New Habitat	High	Absent	New Habitat	New Habitat	Likely +	Likely +	3	19
American mountain-ash	Sorbus americana	NSL	Low	0	0	0	Unknown	Unknown	Low	Absent	Unknown	Unknown			0	20