

Entire LEAP Area
Distrib2 Output for Species
Current and Potential Future Habitat and Capability

Common_Name	PC	Scientific_Name	ModRel	%CellFIA	FIAiv	FIAsum	ChngCI45	ChngCI85	Adap	Abund	Capabil45	Capabil85	%OccCol	%2Col	%AnyCol	HQCL45	HQCL85	N
white oak	1	Quercus alba	Medium	29.7	5.4	58.4	Sm. inc.	Sm. inc.	6.1	Common	Very Good	Very Good	61.6	69.4	69.4	2.73	2.68	1
yellow-poplar	1	Liriodendron tulipifera	High	45.2	7.7	100.6	Sm. inc.	No change	5.3	Abundant	Very Good	Very Good	81.3	64.9	64.9	3.6	2.94	2
northern red oak	1	Quercus rubra	Medium	83.2	6.6	145.7	No change	No change	5.4	Abundant	Very Good	Very Good	85.9	48	48	2.96	3.16	3
sugar maple	1	Acer saccharum	High	98.1	13.7	421.3	No change	Sm. dec.	5.8	Abundant	Very Good	Good	87.8	31.9	31.9	4.54	3.76	4
black oak	1	Quercus velutina	High	19.2	4.4	26.7	Sm. inc.	Lg. inc.	4.9	Common	Good	Very Good	37.9	75.6	76.1	2.04	3.46	5
bitternut hickory	1	Carya cordiformis	Low	47.2	4.8	62.3	No change	No change	5.6	Common	Good	Good	81.8	62.1	62.1	2.97	2.9	6
green ash	1	Fraxinus pennsylvanica	Low	51.1	7.1	111.9	No change	No change	4	Abundant	Good	Good	86.1	58.6	58.6	3	3.26	7
shagbark hickory	1	Carya ovata	Medium	61.3	5.9	95	No change	No change	4.4	Abundant	Good	Good	81.9	58	58	2.92	2.87	8
American elm	1	Ulmus americana	Medium	93.5	6.6	193.1	No change	Sm. inc.	4	Abundant	Good	Very Good	87.8	33.5	33.5	3.39	4.77	9
bur oak	1	Quercus macrocarpa	Medium	4.1	3	7.7	No change	No change	6.4	Common	Good	Good	8.8	29	46.4	1.6	1.72	10
red maple	1	Acer rubrum	High	99	20.8	972.6	Sm. dec.	Lg. dec.	8.5	Abundant	Good	Good	87.8	11.9	11.9	5.61	3.69	11
black willow	1	Salix nigra	Low	12	17.6	87.3	Sm. dec.	Lg. dec.	2.8	Abundant	Fair	Poor	67.8	80.2	80.2	3	2.64	12
silver maple	1	Acer saccharinum	Low	13.9	11.5	71.7	Sm. dec.	Sm. dec.	5.6	Common	Fair	Fair	56.9	76.9	77.1	2.84	2.76	13
pignut hickory	1	Carya glabra	Medium	10.2	2.6	15.3	No change	No change	4.7	Common	Fair	Fair	40.2	76.5	76.8	2.18	2.2	14
boxelder	1	Acer negundo	Low	6.7	4.3	14.1	Sm. dec.	Sm. dec.	7.4	Common	Fair	Fair	39.5	76	79.7	2.38	2.17	15
black locust	1	Robinia pseudoacacia	Low	27.7	7.5	51	No change	No change	3.8	Common	Fair	Fair	83.4	74.6	74.6	2.97	2.94	16
chestnut oak	1	Quercus prinus	High	1.9	5.3	3.4	No change	No change	6.1	Rare	Fair	Fair	6.8	73.4	82.5	1.58	1.64	17
black walnut	1	Juglans nigra	Low	31.3	5	41.5	No change	No change	4	Common	Fair	Fair	61.4	71.3	71.4	2.59	2.51	18
mockernut hickory	1	Carya alba	Medium	4.2	4.2	7.1	Sm. dec.	No change	5.4	Common	Fair	Good	22.7	71.2	78.8	1.77	1.68	19
blackgum	1	Nyssa sylvatica	Medium	27.5	4.2	43.8	Sm. dec.	Sm. dec.	5.9	Common	Fair	Fair	79.4	67	67	2.85	2.87	20
eastern hophornbeam; i	1	Ostrya virginiana	Low	22	2.8	33	Sm. dec.	Sm. dec.	6.4	Common	Fair	Fair	83.1	66.7	66.7	2.93	2.94	21
sycamore	1	Platanus occidentalis	Low	9.3	6.1	21.2	No change	No change	4.8	Common	Fair	Fair	30.8	64.8	73.1	1.98	1.93	22
pin oak	1	Quercus palustris	Low	23.9	11.3	100.1	Sm. dec.	Lg. dec.	2.8	Abundant	Fair	Poor	49.5	63.5	68.5	2.84	2.65	23
quaking aspen	1	Populus tremuloides	High	35.4	9.8	130	Lg. dec.	Lg. dec.	4.7	Abundant	Fair	Fair	55.5	59.5	64	3	3	24
American beech	1	Fagus grandifolia	High	78.2	7	165.5	Sm. dec.	Sm. dec.	3.6	Abundant	Fair	Fair	86.1	46.3	46.3	2.97	2.98	25
Osage-orange	1	Maclura pomifera	Medium	3.4	21.2	14.6	Sm. dec.	Sm. dec.	6.3	Common	Fair	Fair	13.7	41.1	56	1.3	1.77	26
Virginia pine	1	Pinus virginiana	High	3.9	1.7	1.2	Sm. inc.	Sm. inc.	3.8	Rare	Fair	Fair	2.2	40.7	65.3	1	1	27
sourwood	1	Oxydendrum arboreum	High	2.4	3	0.9	No change	No change	6.9	Rare	Fair	Fair	2.2	34.1	57.9	1	1	28
hackberry	1	Celtis occidentalis	Medium	2.1	0.9	1.1	No change	No change	5.7	Rare	Fair	Fair	8.7	33.4	52.8	1.44	1.42	29
white ash	1	Fraxinus americana	Medium	98.3	9.6	279.2	No change	No change	2.7	Abundant	Fair	Fair	87.8	32.4	32.4	4	3.2	30
black cherry	1	Prunus serotina	Medium	99.9	13.3	468	Sm. dec.	Sm. dec.	3	Abundant	Fair	Fair	87.8	17.8	17.8	5.18	3.05	31
serviceberry	0	Amelanchier spp.	Low	5.9	1.9	7.9	Sm. dec.	Sm. dec.	4.8	Common	Poor	Poor	67.5	80.7	80.8	3	3	32
cucumbertree	0	Magnolia acuminata	Low	11.6	2.5	17	Sm. dec.	Sm. dec.	3.6	Common	Poor	Poor	55.2	77.1	77.4	3	3	33
American hornbeam; m	0	Carpinus caroliniana	Low	14.2	2.7	25	Lg. dec.	Lg. dec.	5.1	Common	Poor	Poor	75	73.6	73.6	3	3	34
eastern cottonwood	0	Populus deltoides	Low	11.4	8.6	28.6	Sm. dec.	Sm. dec.	3.9	Common	Poor	Poor	40.9	73	78	2.2	2.1	35
scarlet oak	2	Quercus coccinea	Medium	1.5	1.4	2.2	No change	No change	4.6	Rare	Poor	Poor	10.1	72.9	81.1	1.79	1.86	36
flowering dogwood	0	Cornus florida	Medium	5.3	1.6	4.6	No change	No change	5	Rare	Poor	Poor	33.7	72	77.4	2.71	1.82	37
sassafras	0	Sassafras albidum	Low	21.5	4.8	39.2	Sm. dec.	Sm. dec.	4.2	Common	Poor	Poor	70.3	71.7	71.8	2.6	2.52	38
black ash	0	Fraxinus nigra	Medium	2.6	11.6	20	No change	No change	1.7	Common	Poor	Poor	22.7	71.2	79.4	0	0	39
bigtooth aspen	0	Populus grandidentata	Medium	21.2	6.1	62.5	Lg. dec.	Lg. dec.	5.1	Common	Poor	Poor	83.5	70.9	70.9	3	0	40
slippery elm	0	Ulmus rubra	Low	25.6	4.8	29.1	Sm. dec.	Sm. dec.	4.8	Common	Poor	Poor	62.4	69.9	71.1	2.7	2.54	41
eastern hemlock	0	Tsuga canadensis	High	26.9	12.1	118.2	Lg. dec.	Lg. dec.	2.7	Abundant	Poor	Poor	39.7	65.8	70.9	3	3	42
swamp white oak	0	Quercus bicolor	Low	12.1	5.8	28.4	Lg. dec.	Lg. dec.	4.9	Common	Poor	Poor	35.1	65.7	73.2	2.66	0	43
American basswood	0	Tilia americana	Medium	43.9	4.4	51.8	Sm. dec.	Sm. dec.	4.6	Common	Poor	Poor	86	65.6	65.6	2.97	2.99	44
yellow birch	0	Betula alleghaniensis	High	19.3	4.6	38.2	Sm. dec.	Lg. dec.	3.4	Common	Poor	Poor	47.3	60.5	68.3	3	3	45
shingle oak	2	Quercus imbricaria	Medium	2.3	3.4	6.5	Sm. dec.	Sm. dec.	4.9	Common	Poor	Poor	12.8	57	70.5	2.01	1.72	46
eastern redbud	2	Cercis canadensis	Low	0	4.3	0	Sm. dec.	Sm. dec.	4.9	Absent	Poor	Poor	4.1	51.5	70.3	1.36	1.32	47
black maple	0	Acer nigrum	Low	2.6	1.4	1.9	Sm. dec.	Lg. dec.	5.2	Rare	Poor	Poor	6.8	36.4	54.3	0	0	48
red mulberry	2	Morus rubra	Low	0	0.8	0.2	No change	No change	4.7	Rare	Poor	Poor	4.8	33.8	51.6	0	1	49
Ohio buckeye	0	Aesculus glabra	Low	3.4	2.5	1.8	No change	Sm. dec.	3.5	Rare	Poor	Very Poor	16.6	31.7	48.9	0	0	50
honeylocust	2	Gleditsia triacanthos	Low	3	6.2	3.4	Sm. dec.	Sm. dec.	5.5	Rare	Poor	Poor	10	26.2	43.3	1.97	1.72	51
chinkapin oak	2	Quercus muehlenbergii	Medium	0.6	3	0.6	No change	No change	4.8	Rare	Poor	Poor	1.5	14.9	35.2	1.04	1.16	52
shellbark hickory	0	Carya laciniosa	Low	0.8	2	0.6	No change	No change	3.7	Rare	Poor	Poor	1.6	12.6	26.9	0	0	53

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swamp chestnut oak	0	Quercus michauxii	Low	0.3	1.6	0.3	No change	Sm. dec.	4.6	Rare	Poor	Very Poor	1.4	6.3	15	0	0	54
eastern white pine	0	Pinus strobus	High	14.3	8.6	47.5	Lg. dec.	Lg. dec.	3.3	Common	Very Poor	Very Poor	50.9	77.8	77.8	2.4	2.08	55
sweet birch	2	Betula lenta	High	5.1	1.7	3.7	No change	No change	3.2	Rare	Very Poor	Very Poor	16	75.9	81.7	1.81	2.08	56
striped maple	0	Acer pensylvanicum	Medium	0.3	0.3	0.1	Sm. dec.	Lg. dec.	5.1	Rare	Very Poor	Very Poor	3.6	45.9	67	0	0	57
red pine	0	Pinus resinosa	Medium	2.3	6	5.7	Lg. dec.	Very Lg. dec.	3	Common	Very Poor	Lost	7.3	45.6	66	0	0	58
pawpaw	0	Asimina triloba	Low	0.3	1.3	0.3	Lg. dec.	Very Lg. dec.	3.7	Rare	Very Poor	Lost	2.2	29.4	51.6	0	0	59
sweetgum	2	Liquidambar styraciflua	High	1.6	10.1	3	Sm. dec.	Sm. dec.	4.1	Rare	Very Poor	Very Poor	2.7	15.5	35.1	1	1.27	60
balsam fir	0	Abies balsamea	High	0.3	5.1	1	Sm. dec.	Sm. dec.	2.7	Rare	Very Poor	Very Poor	1.2	7.4	18.2	0	0	61
pin cherry	0	Prunus pensylvanica	Low	2.5	2.1	3.6	Very Lg. dec.	Very Lg. dec.	4.2	Rare	Lost	Lost	36.2	82.6	84.6	0	0	62
gray birch	0	Betula populifolia	Low	0.6	22.4	8.7	Very Lg. dec.	Very Lg. dec.	3.6	Common	Lost	Lost	12.4	57.2	68.7	0	0	63
yellow buckeye	0	Aesculus flava	Low	0.3	0.6	0	Very Lg. dec.	Very Lg. dec.	3.1	Absent	Lost	Lost	2.8	40.7	61.1	0	0	64
white spruce	0	Picea glauca	Medium	0.3	9.1	1.8	Very Lg. dec.	Very Lg. dec.	3.9	Rare	Lost	Lost	5.6	31.2	50	0	0	65
paper birch	0	Betula papyrifera	High	0.3	0	0	Unknown	Unknown	3.4	Modeled	Unknown	Unknown	0	3.6	22.1	0	0	66
jack pine	0	Pinus banksiana	Medium	0	0	0	Unknown	Unknown	5.2	Absent	Unknown	Unknown	0	3.3	20.2	0	0	67
blue ash	0	Fraxinus quadrangulata	Low	0	0	0	Unknown	Unknown	2.7	Absent	Unknown	Unknown	0	1.8	10.8	0	0	68
mountain maple	0	Acer spicatum	Low	0	0	0	Unknown	Unknown	5.9	Absent	Unknown	Unknown	0	0.7	6.7	0	0	69
American mountain-ash	0	Sorbus americana	Low	0	0	0	Unknown	Unknown	3.1	Absent	Unknown	Unknown	0	0.7	8	NA	NA	70
slash pine	0	Pinus elliotii	High	0	0	0	Unknown	New Habitat	4.3	Absent	Unknown	New Habitat	0	0	0	0	0	71
cittamwood/gum bumel	0	Sideroxylon lanuginosum ssp	Low	0	0	0	Unknown	New Habitat	5.6	Absent	Unknown	New Habitat	0	0	0	0	0	72
bigleaf magnolia	0	Magnolia macrophylla	Low	0	0	0	Unknown	Unknown	4.4	Absent	Unknown	Unknown	0	0	1.4	0	0	73
bluejack oak	0	Quercus incana	Low	0	0	0	Unknown	Unknown	4.8	Absent	Unknown	Unknown	0	0	0	0	0	74
ashe juniper	0	Juniperus ashei	High	0	0	0	New Habitat	New Habitat	NA	Absent	New Habitat	New Habitat	NA	NA	NA	NA	NA	75
eastern redcedar	3	Juniperus virginiana	Medium	0	0	0	New Habitat	New Habitat	3.9	Absent	New Habitat	New Habitat	0	20.2	48.8	1.23	3.98	76
common persimmon	3	Diospyros virginiana	Low	0	0	0	New Habitat	New Habitat	5.8	Absent	New Habitat	New Habitat	0	11.9	34	1.02	1	77
loblolly pine	3	Pinus taeda	High	0	0	0	New Habitat	New Habitat	3.4	Absent	New Habitat	New Habitat	0	2.6	18.7	0	2.3	78
southern red oak	3	Quercus falcata	Medium	0	0	0	New Habitat	New Habitat	5.3	Absent	New Habitat	New Habitat	0	1.3	13.8	0	1	79
shortleaf pine	3	Pinus echinata	High	0	0	0	New Habitat	New Habitat	3.6	Absent	New Habitat	New Habitat	0	0.9	9.2	1	1.15	80
post oak	3	Quercus stellata	High	0	0	0	New Habitat	New Habitat	5.7	Absent	New Habitat	New Habitat	0	0.6	6.5	1.41	5.91	81
winged elm	3	Ulmus alata	Medium	0	0	0	New Habitat	New Habitat	3.6	Absent	New Habitat	New Habitat	0	0.6	6.7	0	1.22	82
florida maple	3	Acer barbatum	Low	0	0	0	New Habitat	New Habitat	6.1	Absent	New Habitat	New Habitat	0	0	0.4	0	0	83
pecan	3	Carya illinoensis	Low	0	0	0	New Habitat	New Habitat	2.2	Absent	New Habitat	New Habitat	0	0	0.1	0	1	84
black hickory	0	Carya texana	High	0	0	0	New Habitat	New Habitat	4.1	Absent	New Habitat	New Habitat	0	0	0	0	0	85
sugarberry	3	Celtis laevigata	Medium	0	0	0	New Habitat	New Habitat	4.6	Absent	New Habitat	New Habitat	0	0	0.5	0	1.02	86
blackjack oak	3	Quercus marilandica	Medium	0	0	0	New Habitat	New Habitat	5.6	Absent	New Habitat	New Habitat	0	0	0.4	0	2.42	87
water oak	3	Quercus nigra	High	0	0	0	New Habitat	New Habitat	3.7	Absent	New Habitat	New Habitat	0	0	0.6	0	1	88
live oak	0	Quercus virginiana	High	0	0	0	New Habitat	New Habitat	5	Absent	New Habitat	New Habitat	0	0	0	0	0	89
cedar elm	0	Ulmus crassifolia	Medium	0	0	0	New Habitat	New Habitat	3.3	Absent	New Habitat	New Habitat	0	0	0	0	0	90
Norway spruce	0	Picea abies	FIA Only	5	10.6	44.7	Unknown	Unknown	NA	Common	NNIS	NNIS	NA	NA	NA	NA	NA	91
Scotch pine	0	Pinus sylvestris	FIA Only	9.3	16.1	45.6	Unknown	Unknown	NA	Common	NNIS	NNIS	NA	NA	NA	NA	NA	92
Norway maple	0	Acer platanoides	FIA Only	1.7	0.6	0.1	Unknown	Unknown	NA	Rare	NNIS	NNIS	NA	NA	NA	NA	NA	93
ailanthus	0	Ailanthus altissima	FIA Only	4.7	7.8	17.5	Unknown	Unknown	NA	Common	NNIS	NNIS	NA	NA	NA	NA	NA	94
white mulberry	0	Morus alba	FIA Only	0	8.6	0.1	Unknown	Unknown	NA	Rare	NNIS	NNIS	NA	NA	NA	NA	NA	95
American chestnut	0	Castanea dentata	FIA Only	0.4	0.5	0	Unknown	Unknown	4.5	Absent	FIA Only	FIA Only	0.5	16.3	32.3	0	0	96
butternut	0	Juglans cinerea	FIA Only	0.7	4.1	1.7	Unknown	Unknown	2.3	Rare	FIA Only	FIA Only	7.1	45.9	66.6	NA	NA	97
chokecherry	0	Prunus virginiana	FIA Only	3.2	6.2	6.7	Unknown	Unknown	3.8	Common	FIA Only	FIA Only	55.5	85.7	85.7	0	0	98
peachleaf willow	0	Salix amygdaloides	FIA Only	0.3	3.8	0.8	Unknown	Unknown	3.4	Rare	FIA Only	FIA Only	3.4	8.8	15.5	0	0	99