

One Degree Grid
Distrib2 Output for Species
Current and Potential Future Habitat and Capability

Common_Name	PC	Scientific_Name	ModRel	%CellFIA	FIAiv	FIAsum	ChngCl45	ChngCl85	Adap	Abund	Capabil45	Capabil85	%OccCol	%2Col	%AnyCol	HQCL45	HQCL85	N
northern red oak	1	Quercus rubra	Medium	47.3	2.8	26.5	Lg. inc.	Lg. inc.	5.4	Common	Very Good	Very Good	81.2	72.7	72.7	2.81	3.63	1
sugar maple	1	Acer saccharum	High	100	17.6	569.8	No change	Sm. dec.	5.8	Abundant	Very Good	Good	94.9	16.9	16.9	5.99	5.9	2
red maple	1	Acer rubrum	High	100	20.4	611.5	No change	Sm. dec.	8.5	Abundant	Very Good	Good	94.9	14.8	14.8	6	5.05	3
yellow-poplar	1	Liriodendron tulipifera	High	5.8	8.7	11	No change	No change	5.3	Common	Good	Good	41.7	91.5	91.6	3.2	2.55	4
blackgum	1	Nyssa sylvatica	Medium	2.1	10.7	11.8	No change	No change	5.9	Common	Good	Good	67	85.9	85.9	2.66	2.66	5
American basswood	1	Tilia americana	Medium	46.2	3.3	29.7	Sm. inc.	Sm. inc.	4.6	Common	Good	Good	94.1	73.6	73.6	2.99	2.99	6
American elm	1	Ulmus americana	Medium	83.5	4.1	71.6	Sm. inc.	Sm. inc.	4	Common	Good	Good	94.9	44.6	44.6	3	3.69	7
American beech	1	Fagus grandifolia	High	85.8	5.1	123.7	No change	No change	3.6	Abundant	Good	Good	89.8	37.2	37.2	2.93	2.93	8
bur oak	1	Quercus macrocarpa	Medium	5.4	3.6	7.9	No change	No change	6.4	Common	Good	Good	9.2	33.4	52.1	0	0	9
white oak	1	Quercus alba	Medium	0.5	2	2.6	No change	No change	6.1	Rare	Fair	Fair	21.6	91.9	92	1.85	2.07	10
pignut hickory	1	Carya glabra	Medium	7.7	3.7	6	No change	No change	4.7	Common	Fair	Fair	29.6	90.3	91	1.88	1.91	11
silver maple	1	Acer saccharinum	Low	6.9	20.2	54.6	Sm. dec.	Sm. dec.	5.6	Common	Fair	Fair	44.4	88.3	88.4	1.73	1.92	12
chestnut oak	1	Quercus prinus	High	3.4	2.5	1.7	No change	No change	6.1	Rare	Fair	Fair	10.7	86.2	90.2	1.22	1.4	13
boxelder	1	Acer negundo	Low	3	2.5	2.9	No change	No change	7.4	Rare	Fair	Fair	23.5	85.1	90.3	1.77	1.5	14
black locust	1	Robinia pseudoacacia	Low	10.2	12	35.4	No change	No change	3.8	Common	Fair	Fair	89.5	82.2	82.2	3.03	2.93	15
bitternut hickory	1	Carya cordiformis	Low	22.8	6.5	38.4	Lg. dec.	Sm. dec.	5.6	Common	Fair	Fair	68.5	80.8	80.8	2.88	2.67	16
green ash	1	Fraxinus pennsylvanica	Low	31	10.8	77.1	Sm. dec.	No change	4	Abundant	Fair	Good	94.7	69.7	69.7	3	3.27	17
eastern hophornbeam; i	1	Ostrya virginiana	Low	32.7	2	26	Sm. dec.	No change	6.4	Common	Fair	Good	93.7	63.8	63.8	2.99	2.99	18
quaking aspen	1	Populus tremuloides	High	95	10.3	216.4	Lg. dec.	Lg. dec.	4.7	Abundant	Fair	Fair	94.9	45.1	45.1	3	3	19
white ash	1	Fraxinus americana	Medium	100	13.3	386.5	No change	Sm. dec.	2.7	Abundant	Fair	Fair	94.9	24.9	24.9	4.65	3.13	20
black cherry	1	Prunus serotina	Medium	100	11.1	326	No change	No change	3	Abundant	Fair	Fair	94.9	23.7	23.7	5.26	3.02	21
black walnut	0	Juglans nigra	Low	5.3	0.9	1	No change	No change	4	Rare	Poor	Poor	27.2	91.9	92.2	1.76	1.8	22
black oak	2	Quercus velutina	High	1.1	9.5	1.8	No change	No change	4.9	Rare	Poor	Poor	8.4	91.5	93.9	1.38	4.22	23
shagbark hickory	0	Carya ovata	Medium	7.5	12.7	29.5	Sm. dec.	Sm. dec.	4.4	Common	Poor	Poor	53	89.7	89.7	2.37	2.44	24
black ash	0	Fraxinus nigra	Medium	5.3	19.4	41.3	Sm. dec.	Sm. dec.	1.7	Common	Poor	Poor	40	87	88.9	0	0	25
eastern cottonwood	0	Populus deltoides	Low	5.3	14.7	31.3	Sm. dec.	Sm. dec.	3.9	Common	Poor	Poor	30.7	86.9	89.2	1.26	1.93	26
black willow	0	Salix nigra	Low	13.3	7.9	38.1	Sm. dec.	Lg. dec.	2.8	Common	Poor	Very Poor	83.3	83.2	83.2	0	2.67	27
bigtooth aspen	0	Populus grandidentata	Medium	13.1	7.2	19.1	Lg. dec.	Lg. dec.	5.1	Common	Poor	Poor	94.7	82.4	82.4	3	0	28
cucumbertree	0	Magnolia acuminata	Low	26.1	1.7	18	Sm. dec.	Sm. dec.	3.6	Common	Poor	Poor	85.1	69.9	69.9	3	3	29
American hornbeam; m	0	Carpinus caroliniana	Low	26.2	2	24.2	Sm. dec.	Sm. dec.	5.1	Common	Poor	Poor	94.9	66.3	66.3	3	3	30
yellow birch	0	Betula alleghaniensis	High	71	3.5	55.1	Sm. dec.	Sm. dec.	3.4	Common	Poor	Poor	94.4	57.2	57.2	3	3	31
eastern hemlock	0	Tsuga canadensis	High	94.3	10.8	237.9	Lg. dec.	Lg. dec.	2.7	Abundant	Poor	Poor	94.9	42.6	42.6	3	3	32
sweet birch	2	Betula lenta	High	1.3	1.3	0.7	Sm. dec.	Sm. dec.	3.2	Rare	Very Poor	Very Poor	15.3	93.6	93.6	1.8	2.06	33
eastern white pine	2	Pinus strobus	High	10.4	1.7	2.6	No change	No change	3.3	Rare	Very Poor	Very Poor	17.7	91.6	91.6	1.94	2	34
striped maple	0	Acer pensylvanicum	Medium	2.7	0.3	0.4	Lg. dec.	Lg. dec.	5.1	Rare	Very Poor	Very Poor	19.7	90.8	92	0	0	35
serviceberry	0	Amelanchier spp.	Low	4	0.8	3	Sm. dec.	Sm. dec.	4.8	Rare	Very Poor	Very Poor	93	85.7	85.7	3	3	36
white spruce	0	Picea glauca	Medium	2.7	9.1	9.8	Very Lg. dec.	Very Lg. dec.	3.9	Common	Lost	Lost	38.2	92.2	92.2	0	0	37
pin cherry	0	Prunus pensylvanica	Low	1	1.3	2.6	Very Lg. dec.	Very Lg. dec.	4.2	Rare	Lost	Lost	94	90.2	90.2	0	0	38
gray birch	0	Betula populifolia	Low	2.1	0	0	Unknown	Unknown	3.6	Modeled	Unknown	Unknown	0	40	71.2	0	0	39
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	40
bigleaf magnolia	0	Magnolia macrophylla	Low	0	0	0	Unknown	Unknown	4.4	Absent	Unknown	Unknown	0	0	0	0	0	41
ashe juniper	0	Juniperus ashei	High	0	0	0	New Habitat	New Habitat	NA	Absent	New Habitat	New Habitat	NA	NA	NA	NA	NA	42
sassafras	3	Sassafras albidum	Low	0	0	0	New Habitat	New Habitat	4.2	Absent	New Habitat	New Habitat	0	94	94.8	1.36	1.38	43
slippery elm	3	Ulmus rubra	Low	0	0	0	New Habitat	New Habitat	4.8	Absent	New Habitat	New Habitat	5.3	82.4	91.5	1.69	1.33	44
scarlet oak	3	Quercus coccinea	Medium	0	0	0	New Habitat	New Habitat	4.6	Absent	New Habitat	New Habitat	0	66.1	85.1	1	1	45
mockernut hickory	3	Carya alba	Medium	0	0	0	New Habitat	New Habitat	5.4	Absent	New Habitat	New Habitat	0	42.8	73.2	1	1	46
flowering dogwood	3	Cornus florida	Medium	0	0	0	New Habitat	New Habitat	5	Absent	New Habitat	New Habitat	0	41.1	72.5	1	1	47
swamp white oak	3	Quercus bicolor	Low	0.1	0	0	New Habitat	New Habitat	4.9	Absent	New Habitat	New Habitat	0	38.5	69.2	1	0	48
pin oak	3	Quercus palustris	Low	0.6	0	0	New Habitat	New Habitat	2.8	Absent	New Habitat	New Habitat	0	36.5	68	1	1	49
sycamore	3	Platanus occidentalis	Low	0	0	0	New Habitat	New Habitat	4.8	Absent	New Habitat	New Habitat	0	20.3	52.8	1	1	50
Virginia pine	3	Pinus virginiana	High	0	0	0	New Habitat	New Habitat	3.8	Absent	New Habitat	New Habitat	0	17	51.2	0	1	51
eastern redcedar	3	Juniperus virginiana	Medium	0	0	0	New Habitat	New Habitat	3.9	Absent	New Habitat	New Habitat	0	11.2	41.9	1.1	4	52
shingle oak	3	Quercus imbricaria	Medium	0	0	0	New Habitat	New Habitat	4.9	Absent	New Habitat	New Habitat	0	10.1	37.2	0	0	53

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eastern redbud	3	Cercis canadensis	Low	0	0	0	New Habitat	New Habitat	4.9	Absent	New Habitat	New Habitat	0	10	41.9	1	1	54
hackberry	3	Celtis occidentalis	Medium	0	0	0	New Habitat	New Habitat	5.7	Absent	New Habitat	New Habitat	0	2.7	22.8	1	1	55
sourwood	3	Oxydendrum arboreum	High	0	0	0	New Habitat	New Habitat	6.9	Absent	New Habitat	New Habitat	0	2.6	20.1	0	1	56
Osage-orange	3	Maclura pomifera	Medium	0	0	0	New Habitat	New Habitat	6.3	Absent	New Habitat	New Habitat	0	1.8	15.8	0	0	57
sweetgum	3	Liquidambar styraciflua	High	0	0	0	New Habitat	New Habitat	4.1	Absent	New Habitat	New Habitat	0	1.3	15.6	0	1.68	58
red mulberry	3	Morus rubra	Low	0	0	0	New Habitat	New Habitat	4.7	Absent	New Habitat	New Habitat	0	1.1	14.2	0	1	59
common persimmon	3	Diospyros virginiana	Low	0	0	0	New Habitat	New Habitat	5.8	Absent	New Habitat	New Habitat	0	0.9	15	0	1	60
honeylocust	3	Gleditsia triacanthos	Low	0	0	0	New Habitat	New Habitat	5.5	Absent	New Habitat	New Habitat	0	0.6	11.8	0	0	61
chinkapin oak	3	Quercus muehlenbergii	Medium	2.2	0	0	New Habitat	New Habitat	4.8	Absent	New Habitat	New Habitat	0	0.3	6.5	0	1	62
shortleaf pine	3	Pinus echinata	High	0	0	0	New Habitat	New Habitat	3.6	Absent	New Habitat	New Habitat	0	0	2.6	0	1.16	63
florida maple	0	Acer barbatum	Low	0	0	0	New Habitat	New Habitat	6.1	Absent	New Habitat	New Habitat	0	0	0	0	0	64
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	65
sugarberry	0	Celtis laevigata	Medium	0	0	0	New Habitat	New Habitat	4.6	Absent	New Habitat	New Habitat	0	0	0	0	0	66
blackjack oak	3	Quercus marilandica	Medium	0	0	0	New Habitat	New Habitat	5.6	Absent	New Habitat	New Habitat	0	0	0.3	0	1.27	67
post oak	3	Quercus stellata	High	0	0	0	New Habitat	New Habitat	5.7	Absent	New Habitat	New Habitat	0	0	1.5	0	4	68
live oak	0	Quercus virginiana	High	0	0	0	New Habitat	New Habitat	5	Absent	New Habitat	New Habitat	0	0	0	0	0	69
winged elm	3	Ulmus alata	Medium	0	0	0	New Habitat	New Habitat	3.6	Absent	New Habitat	New Habitat	0	0	0.4	0	1	70
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	71
chokecherry	0	Prunus virginiana	FIA Only	5.4	8.2	8.9	Unknown	Unknown	3.8	Common	FIA Only	FIA Only	81.3	92.2	92.2	0	0	72
peachleaf willow	0	Salix amygdaloides	FIA Only	2.7	3.8	4.2	Unknown	Unknown	3.4	Rare	FIA Only	FIA Only	21.2	63	75.4	0	0	73
American chestnut	0	Castanea dentata	FIA Only	3.1	0.5	0	Unknown	Unknown	4.5	Absent	FIA Only	FIA Only	1.6	41.5	67.4	0	0	74
Norway spruce	0	Picea abies	FIA Only	8.9	9.4	33.4	Unknown	Unknown	NA	Common	NNIS	NNIS	NA	NA	NA	NA	NA	75
Scotch pine	0	Pinus sylvestris	FIA Only	14.8	14.7	72	Unknown	Unknown	NA	Common	NNIS	NNIS	NA	NA	NA	NA	NA	76