

One Degree Grid
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	22.6	4.5	31.4	Sm. inc.	Lg. inc.	6.1	Common	Very Good	Very Good	35.6	81.4	81.8	1.93	2.93	1
northern red oak	1	Quercus rubra	Medium	41.9	6.1	86	Sm. inc.	Sm. inc.	5.4	Abundant	Very Good	Very Good	64	68.8	68.8	2.58	4	2
red maple	1	Acer rubrum	High	99.9	19	755.2	No change	Sm. dec.	8.5	Abundant	Very Good	Good	93.2	23.7	23.7	5.9	4.62	3
silver maple	1	Acer saccharinum	Low	7.5	12.7	32.5	No change	No change	5.6	Common	Good	Good	30.9	88.5	88.9	2.8	2.51	4
yellow-poplar	1	Liriodendron tulipifera	High	3.9	3	6.4	No change	No change	5.3	Common	Good	Good	19.4	86.8	89	1.61	2.2	5
sassafras	1	Sassafras albidum	Low	1.1	0.4	0.8	Lg. inc.	Lg. inc.	4.2	Rare	Good	Good	17.2	86.6	89.2	1.62	1.73	6
slippery elm	1	Ulmus rubra	Low	4.5	0.5	0.4	Lg. inc.	Lg. inc.	4.8	Rare	Good	Good	5.9	66	83	1.01	1.17	7
American elm	1	Ulmus americana	Medium	65	6.5	115.5	No change	No change	4	Abundant	Good	Good	92.4	50.7	50.7	3	3.22	8
sugar maple	1	Acer saccharum	High	96.1	18.1	681.1	Sm. dec.	Sm. dec.	5.8	Abundant	Good	Good	93.2	27.5	27.5	5.57	5.34	9
black cherry	1	Prunus serotina	Medium	98	9.1	334.8	Sm. inc.	No change	3	Abundant	Good	Fair	93.2	27	27	5.47	3.62	10
black locust	1	Robinia pseudoacacia	Low	1.1	27.4	35.6	No change	No change	3.8	Common	Fair	Fair	63.8	90.9	90.9	2.66	2.67	11
boxelder	1	Acer negundo	Low	3.7	6.8	13.1	Sm. dec.	Sm. dec.	7.4	Common	Fair	Fair	39.4	89.8	89.8	1.99	2.38	12
pignut hickory	1	Carya glabra	Medium	4.1	2.7	5.6	No change	No change	4.7	Common	Fair	Fair	26.4	89	89.2	1.97	1.96	13
black oak	1	Quercus velutina	High	2.6	6.5	9.3	No change	No change	4.9	Common	Fair	Fair	11.4	85.8	89.4	1.43	3.69	14
eastern cottonwood	1	Populus deltoides	Low	8	6	28.8	No change	No change	3.9	Common	Fair	Fair	43.6	84.5	85.8	2.9	2.81	15
chestnut oak	1	Quercus prinus	High	1.6	2.3	3.3	No change	No change	6.1	Rare	Fair	Fair	9.2	77.4	87	1.73	1.77	16
green ash	1	Fraxinus pennsylvanica	Low	26.1	21.6	196.5	Lg. dec.	Lg. dec.	4	Abundant	Fair	Fair	92.1	75.2	75.2	3.31	3.2	17
eastern white pine	1	Pinus strobus	High	33.9	7.1	85.3	No change	Sm. dec.	3.3	Abundant	Fair	Fair	74.9	72.1	72.1	2.82	2.86	18
bitternut hickory	1	Carya cordiformis	Low	33.4	5.3	72.5	Sm. dec.	Sm. dec.	5.6	Common	Fair	Fair	84.7	70	70	2.98	2.88	19
American basswood	1	Tilia americana	Medium	42.7	5.5	77.9	Sm. dec.	Sm. dec.	4.6	Abundant	Fair	Fair	93.2	67	67	3	3	20
eastern hemlock	1	Tsuga canadensis	High	79.6	10.6	189.8	Sm. dec.	Lg. dec.	2.7	Abundant	Fair	Poor	90.7	60.1	60.1	3.06	3	21
eastern hophornbeam; i	1	Ostrya virginiana	Low	56	2.8	56.1	Sm. dec.	Sm. dec.	6.4	Common	Fair	Fair	93.1	56.1	56.1	3	3	22
quaking aspen	1	Populus tremuloides	High	76.3	10.1	231.6	Lg. dec.	Lg. dec.	4.7	Abundant	Fair	Fair	93.2	52.3	52.3	3	3	23
American beech	1	Fagus grandifolia	High	81.3	7.3	210.3	Sm. dec.	Sm. dec.	3.6	Abundant	Fair	Fair	91.7	41.6	41.6	2.97	2.99	24
white ash	1	Fraxinus americana	Medium	98.9	13.6	496.7	No change	No change	2.7	Abundant	Fair	Fair	93.2	26.7	26.7	4.5	4.37	25
black walnut	1	Juglans nigra	Low	2.6	9	11.8	Sm. dec.	No change	4	Common	Poor	Fair	42.1	90.7	90.8	2.59	2.32	26
black willow	0	Salix nigra	Low	8.8	18.1	74.1	No change	Sm. dec.	2.8	Common	Poor	Poor	75.2	86.1	86.1	2	1.98	27
shagbark hickory	0	Carya ovata	Medium	8.5	5.5	13.1	Sm. dec.	Sm. dec.	4.4	Common	Poor	Poor	36.8	85.6	85.6	2.35	2.21	28
bigtooth aspen	0	Populus grandidentata	Medium	12.3	9.8	58.4	Lg. dec.	Lg. dec.	5.1	Common	Poor	Poor	91.3	83.1	83.1	2.98	0	29
striped maple	0	Acer pensylvanicum	Medium	5	2.8	15.5	Sm. dec.	Sm. dec.	5.1	Common	Poor	Poor	44.8	82.7	83.5	1.61	1.61	30
black ash	0	Fraxinus nigra	Medium	3.8	2	5.8	No change	No change	1.7	Common	Poor	Poor	27.4	82	86.9	0	0	31
sweet birch	0	Betula lenta	High	18.3	2.8	23.5	Sm. dec.	Sm. dec.	3.2	Common	Poor	Poor	39.1	78	78.5	2.99	2.35	32
serviceberry	0	Amelanchier spp.	Low	21.7	1.8	21.5	Lg. dec.	Lg. dec.	4.8	Common	Poor	Poor	91.9	71.1	71.1	3	3	33
American hornbeam; m	0	Carpinus caroliniana	Low	22.9	1.7	24.4	Lg. dec.	Lg. dec.	5.1	Common	Poor	Poor	93.1	67.3	67.3	3	3	34
yellow birch	0	Betula alleghaniensis	High	48.4	3.6	53.5	Lg. dec.	Lg. dec.	3.4	Common	Poor	Poor	88.9	66.1	66.1	3	3	35
American mountain-ash	0	Sorbus americana	Low	1.1	0.3	0.2	Sm. inc.	Sm. inc.	3.1	Rare	Poor	Poor	10.9	50.3	70.2	NA	NA	36
swamp white oak	2	Quercus bicolor	Low	2.8	1.5	1.5	No change	Sm. dec.	4.9	Rare	Poor	Very Poor	4.8	45.9	69.2	2.04	0	37
red pine	0	Pinus resinosa	Medium	11.5	8.3	48.3	Lg. dec.	Very Lg. dec.	3	Common	Very Poor	Lost	39.5	82	83	0	0	38
cucumbertree	0	Magnolia acuminata	Low	2.7	1.1	4.6	Sm. dec.	Sm. dec.	3.6	Rare	Very Poor	Very Poor	25.7	78.5	83.8	2.48	2.72	39
eastern redcedar	2	Juniperus virginiana	Medium	0.3	12.6	0.5	Sm. dec.	No change	3.9	Rare	Very Poor	Poor	6.1	58.3	78.6	1.04	4.05	40
gray birch	0	Betula populifolia	Low	1.1	2.4	1.6	Lg. dec.	Very Lg. dec.	3.6	Rare	Very Poor	Lost	10	55	75.8	0	0	41
pin oak	2	Quercus palustris	Low	1.7	5.9	1.4	No change	Sm. dec.	2.8	Rare	Very Poor	Very Poor	0.2	25.9	56.8	0	1.16	42
northern white-cedar	0	Thuja occidentalis	High	0	1	0.6	Lg. dec.	Lg. dec.	4.2	Rare	Very Poor	Very Poor	1.9	9.1	26	0	0	43
white spruce	0	Picea glauca	Medium	1.4	35.4	50.4	Very Lg. dec.	Very Lg. dec.	3.9	Common	Lost	Lost	31.8	90.9	91	0	0	44
pin cherry	0	Prunus pensylvanica	Low	5.7	8.2	26.9	Very Lg. dec.	Very Lg. dec.	4.2	Common	Lost	Lost	93.2	87.6	87.6	0	0	45
jack pine	0	Pinus banksiana	Medium	1.1	6.2	4	Very Lg. dec.	Very Lg. dec.	5.2	Rare	Lost	Lost	9.7	41.8	60	0	0	46
paper birch	0	Betula papyrifera	High	1.1	0	0	Unknown	Unknown	3.4	Modeled	Unknown	Unknown	0	34.5	65.8	0	0	47
mountain maple	0	Acer spicatum	Low	0	0	0	Unknown	Unknown	5.9	Absent	Unknown	Unknown	0.9	16.5	35.7	0	0	48
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	49
bigleaf magnolia	0	Magnolia macrophylla	Low	0	0	0	Unknown	Unknown	4.4	Absent	Unknown	Unknown	0	0	0	0	0	50
blackgum	3	Nyssa sylvatica	Medium	0	0	0	New Habitat	New Habitat	5.9	Absent	New Habitat	New Habitat	2.4	89.8	92.5	1.53	1.38	51
scarlet oak	3	Quercus coccinea	Medium	0	0	0	New Habitat	New Habitat	4.6	Absent	New Habitat	New Habitat	0	45.5	72.8	1	1	52
mockernut hickory	3	Carya alba	Medium	0	0	0	New Habitat	New Habitat	5.4	Absent	New Habitat	New Habitat	0	38.1	69.5	1	1	53

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
flowering dogwood	3	Cornus florida	Medium	0	0	0	New Habitat	New Habitat	5	Absent	New Habitat	New Habitat	0	30.7	63.1	0	1	54
bur oak	3	Quercus macrocarpa	Medium	0	0	0	New Habitat	New Habitat	6.4	Absent	New Habitat	New Habitat	0.8	24.1	50	0	0	55
sycamore	3	Platanus occidentalis	Low	0	0	0	New Habitat	New Habitat	4.8	Absent	New Habitat	New Habitat	0	17.9	49.4	1	1	56
Virginia pine	3	Pinus virginiana	High	0.3	0	0	New Habitat	New Habitat	3.8	Absent	New Habitat	New Habitat	0	17.3	47.9	0	1	57
eastern redbud	3	Cercis canadensis	Low	0	0	0	New Habitat	New Habitat	4.9	Absent	New Habitat	New Habitat	0	6.7	31.8	1	1	58
shingle oak	3	Quercus imbricaria	Medium	0	0	0	New Habitat	New Habitat	4.9	Absent	New Habitat	New Habitat	0	1.9	15.8	0	0	59
hackberry	3	Celtis occidentalis	Medium	0	0	0	New Habitat	New Habitat	5.7	Absent	New Habitat	New Habitat	0	1.5	16.5	1	1	60
sweetgum	3	Liquidambar styraciflua	High	0	0	0	New Habitat	New Habitat	4.1	Absent	New Habitat	New Habitat	0	1.1	13.6	0	1	61
sourwood	3	Oxydendrum arboreum	High	0	0	0	New Habitat	New Habitat	6.9	Absent	New Habitat	New Habitat	0	0.8	12.4	0	1	62
common persimmon	3	Diospyros virginiana	Low	0	0	0	New Habitat	New Habitat	5.8	Absent	New Habitat	New Habitat	0	0.7	11.6	0	1	63
Osage-orange	3	Maclura pomifera	Medium	0	0	0	New Habitat	New Habitat	6.3	Absent	New Habitat	New Habitat	0	0.6	9	0	1	64
red mulberry	3	Morus rubra	Low	0	0	0	New Habitat	New Habitat	4.7	Absent	New Habitat	New Habitat	0	0.6	11.8	0	1	65
honeylocust	3	Gleditsia triacanthos	Low	0	0	0	New Habitat	New Habitat	5.5	Absent	New Habitat	New Habitat	0	0.2	6.2	0	1	66
chinkapin oak	3	Quercus muehlenbergii	Medium	0	0	0	New Habitat	New Habitat	4.8	Absent	New Habitat	New Habitat	0	0.1	2.8	1	1	67
shortleaf pine	3	Pinus echinata	High	0	0	0	New Habitat	New Habitat	3.6	Absent	New Habitat	New Habitat	0	0	1.9	0	1.37	68
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	69
sugarberry	2	Celtis laevigata	Medium	0	0	0	New Habitat	New Habitat	4.6	Absent	New Habitat	New Habitat	0	0	0	0	1	70
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	71
post oak	3	Quercus stellata	High	0	0	0	New Habitat	New Habitat	5.7	Absent	New Habitat	New Habitat	0	0	1.1	0	4	72
winged elm	3	Ulmus alata	Medium	0	0	0	New Habitat	New Habitat	3.6	Absent	New Habitat	New Habitat	0	0	0.2	0	1	73
chokecherry	0	Prunus virginiana	FIA Only	4.9	3.6	10.9	Unknown	Unknown	3.8	Common	FIA Only	FIA Only	88.7	89.7	89.7	0	0	74
butternut	0	Juglans cinerea	FIA Only	2.3	2.2	2.9	Unknown	Unknown	2.3	Rare	FIA Only	FIA Only	14.3	69	83	NA	NA	75
American chestnut	0	Castanea dentata	FIA Only	22.3	0.8	1.1	Unknown	Unknown	4.5	Rare	FIA Only	FIA Only	11.1	48.9	66.2	0	0	76
Norway spruce	0	Picea abies	FIA Only	32	6.5	62.6	Unknown	Unknown	NA	Common	NNIS	NNIS	NA	NA	NA	NA	NA	77
Scotch pine	0	Pinus sylvestris	FIA Only	22	12.2	98.7	Unknown	Unknown	NA	Abundant	NNIS	NNIS	NA	NA	NA	NA	NA	78
Norway maple	0	Acer platanoides	FIA Only	1.1	1.1	0.7	Unknown	Unknown	NA	Rare	NNIS	NNIS	NA	NA	NA	NA	NA	79