

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
mockernut hickory	1	Carya alba	Medium	52.1	3.3	86	No change	Sm. inc.	5.4	Abundant	Very Good	Very Good	82.5	49.2	49.2	2.99	2.97	1
northern red oak	1	Quercus rubra	Medium	94.8	4.7	137	No change	No change	5.4	Abundant	Very Good	Very Good	83.2	37.4	37.4	2.97	2.97	2
white oak	1	Quercus alba	Medium	82.5	7.1	276.9	No change	No change	6.1	Abundant	Very Good	Very Good	80	30.6	30.6	4.44	3.38	3
black oak	1	Quercus velutina	High	83.2	4.7	175.9	Sm. inc.	Sm. inc.	4.9	Abundant	Very Good	Very Good	83.3	27.4	27.4	2.97	5.18	4
silver maple	1	Acer saccharinum	Low	16.8	22.4	76.5	Sm. dec.	Sm. dec.	5.6	Abundant	Good	Good	33.2	76.4	76.5	2.8	2.42	5
honeylocust	1	Gleditsia triacanthos	Low	22.5	8.3	26.7	No change	Sm. dec.	5.5	Common	Good	Fair	49.6	75.7	75.7	3	2.56	6
common persimmon	1	Diospyros virginiana	Low	7.3	2	11	No change	No change	5.8	Common	Good	Good	41.7	75.3	76.5	1.63	2.11	7
red mulberry	1	Morus rubra	Low	1	0.6	0.5	Lg. inc.	Lg. inc.	4.7	Rare	Good	Good	7.2	69.7	79	0	1.25	8
boxelder	1	Acer negundo	Low	41.7	10.4	86.7	Sm. dec.	Sm. dec.	7.4	Abundant	Good	Good	80.9	62.5	62.5	2.99	2.94	9
chestnut oak	1	Quercus prinus	High	35.5	8.2	158.6	Sm. dec.	Lg. dec.	6.1	Abundant	Good	Good	66.2	58	58	3	3	10
bitternut hickory	1	Carya cordiformis	Low	52.4	3.3	64.3	No change	Sm. inc.	5.6	Common	Good	Very Good	82.8	54.5	54.5	2.95	2.98	11
sycamore	1	Platanus occidentalis	Low	54.3	5.3	99.3	No change	No change	4.8	Abundant	Good	Good	80.3	52.6	52.6	2.91	2.93	12
blackgum	1	Nyssa sylvatica	Medium	56.8	2.3	64.1	No change	Sm. inc.	5.9	Common	Good	Very Good	82.4	41.1	41.1	3	3	13
slippery elm	1	Ulmus rubra	Low	69.4	2.8	93.7	No change	No change	4.8	Abundant	Good	Good	82.4	38.9	38.9	2.95	2.96	14
pinut hickory	1	Carya glabra	Medium	72.8	3	93.9	No change	No change	4.7	Abundant	Good	Good	83.2	36.5	36.5	2.97	3	15
yellow-poplar	1	Liriodendron tulipifera	High	83.3	12.7	545.1	Lg. dec.	Lg. dec.	5.3	Abundant	Good	Good	83.1	26.2	26.2	3.95	3	16
American elm	1	Ulmus americana	Medium	88.5	5.8	162.5	No change	Sm. inc.	4	Abundant	Good	Very Good	84.2	25.2	25.2	3.57	4.05	17
sugar maple	1	Acer saccharum	High	100	13	510.3	Sm. dec.	Sm. dec.	5.8	Abundant	Good	Good	84.2	17.8	17.8	4.3	4.08	18
red maple	1	Acer rubrum	High	81.5	11	496.3	Lg. dec.	Lg. dec.	8.5	Abundant	Good	Good	84.2	15.6	15.6	3	3	19
Osage-orange	1	Maclura pomifera	Medium	7.1	18.4	16.8	Sm. dec.	Sm. dec.	6.3	Common	Fair	Fair	27.3	80.2	80.6	2.3	2.15	20
pawpaw	1	Asimina triloba	Low	5.6	2.5	14	No change	No change	3.7	Common	Fair	Fair	58.5	77.2	77.2	0	0	21
hackberry	1	Celtis occidentalis	Medium	27.4	6.7	28.4	Sm. dec.	Sm. dec.	5.7	Common	Fair	Fair	41.7	74.2	74.2	2.87	2.43	22
eastern hophornbeam; i	1	Ostrya virginiana	Low	8.6	1.7	13.8	Sm. dec.	Sm. dec.	6.4	Common	Fair	Fair	59.1	72.8	72.8	0	2.46	23
shingle oak	1	Quercus imbricaria	Medium	5.2	1.6	9.6	No change	No change	4.9	Common	Fair	Fair	24.5	68.6	73.8	0	0	24
green ash	1	Fraxinus pennsylvanica	Low	28.7	3.6	20.1	No change	Sm. inc.	4	Common	Fair	Good	61.6	68.3	68.3	2.71	2.67	25
sourwood	1	Oxydendrum arboreum	High	36.9	3.1	66.4	Sm. dec.	Lg. dec.	6.9	Common	Fair	Fair	70.9	53.7	53.7	3	3	26
bigtooth aspen	1	Populus grandidentata	Medium	45.6	5.4	124.3	Lg. dec.	Lg. dec.	5.1	Abundant	Fair	Fair	80.7	53.1	53.1	0	0	27
black walnut	1	Juglans nigra	Low	72.1	4	72.1	No change	No change	4	Common	Fair	Fair	84.2	48.4	48.4	3.12	3	28
post oak	1	Quercus stellata	High	2.7	5.5	2.7	No change	Sm. inc.	5.7	Rare	Fair	Good	3.6	46.6	64.1	1.56	5.12	29
black locust	1	Robinia pseudoacacia	Low	68.6	7	162.2	Sm. dec.	Sm. dec.	3.8	Abundant	Fair	Fair	84.2	41.5	41.5	3	3.08	30
shagbark hickory	1	Carya ovata	Medium	79.4	5.2	164.9	Sm. dec.	Sm. dec.	4.4	Abundant	Fair	Fair	84.2	37.2	37.2	3	3	31
American beech	1	Fagus grandifolia	High	74.5	5	147.2	Sm. dec.	Lg. dec.	3.6	Abundant	Fair	Fair	82.9	34.4	34.4	2.99	3	32
sassafras	1	Sassafras albidum	Low	77.7	4.2	172.7	Sm. dec.	Sm. dec.	4.2	Abundant	Fair	Fair	84.1	22.9	22.9	2.99	3	33
white ash	1	Fraxinus americana	Medium	99	6	208.5	No change	No change	2.7	Abundant	Fair	Fair	84.2	20.2	20.2	3.41	3	34
black cherry	1	Prunus serotina	Medium	99.7	8	269.5	Sm. dec.	Sm. dec.	3	Abundant	Fair	Fair	84.2	20.1	20.1	3	3	35
bur oak	1	Quercus macrocarpa	Medium	0	0.5	0.1	No change	Sm. inc.	6.4	Rare	Fair	Good	0.3	12.6	34.1	0	1	36
black willow	0	Salix nigra	Low	3.1	7	15.8	Sm. dec.	Sm. dec.	2.8	Common	Poor	Poor	27.6	80.9	81.1	0	1.82	37
eastern redcedar	1	Juniperus virginiana	Medium	2.5	3	2.3	No change	Sm. inc.	3.9	Rare	Poor	Fair	9.1	79.7	82.4	1.73	4.51	38
river birch	0	Betula nigra	Low	4.2	14.6	43.8	Sm. dec.	Lg. dec.	3.7	Common	Poor	Poor	44.8	79.2	79.9	0	2.93	39
serviceberry	0	Amelanchier spp.	Low	3.1	0.8	3.2	No change	No change	4.8	Rare	Poor	Poor	50.7	79	79	0	0	40
eastern cottonwood	1	Populus deltoides	Low	5.8	7.2	12.5	Sm. dec.	No change	3.9	Common	Poor	Fair	16.8	79	80.1	2.05	1.73	41
sweet birch	0	Betula lenta	High	5.2	6.9	20.9	Sm. dec.	Sm. dec.	3.2	Common	Poor	Poor	16.5	77.9	79.6	0	0	42
chinkapin oak	2	Quercus muehlenbergii	Medium	1	14.1	10.6	Lg. dec.	Lg. dec.	4.8	Common	Poor	Poor	9.5	77.7	81.8	1.37	1.64	43
pitch pine	1	Pinus rigida	High	7.3	3.5	19.6	Sm. dec.	No change	3.8	Common	Poor	Fair	62.2	76.4	76.6	0	0	44
sweetgum	0	Liquidambar styraciflua	High	5.2	13.7	16.9	Sm. dec.	Sm. dec.	4.1	Common	Poor	Poor	26.1	75.3	77.6	1.54	2.08	45
Ohio buckeye	1	Aesculus glabra	Low	18.1	1.8	12.1	Sm. dec.	No change	3.5	Common	Poor	Fair	60.8	74.3	74.3	2.24	2.24	46
American basswood	0	Tilia americana	Medium	8.9	3.3	18.5	Lg. dec.	Very Lg. dec.	4.6	Common	Poor	Lost	55.7	74.1	74.1	0	0	47
eastern redbud	0	Cercis canadensis	Low	10.8	1.7	16.3	Sm. dec.	Sm. dec.	4.9	Common	Poor	Poor	76.1	71.1	71.1	2.89	2.88	48
Virginia pine	0	Pinus virginiana	High	20.5	4.6	56.5	Sm. dec.	Sm. dec.	3.8	Common	Poor	Poor	67.4	67.5	67.5	3	3	49
American hornbeam; m	0	Carpinus caroliniana	Low	10.8	1.3	22.8	Lg. dec.	Lg. dec.	5.1	Common	Poor	Poor	74.8	59.4	59.4	0	3	50
scarlet oak	0	Quercus coccinea	Medium	30.6	3.8	71.9	Sm. dec.	Lg. dec.	4.6	Common	Poor	Poor	59.9	58.4	58.4	3	2.98	51
loblolly pine	1	Pinus taeda	High	2.1	11.9	17.8	Sm. dec.	No change	3.4	Common	Poor	Fair	11.8	56.6	70.7	0	3.82	52
black maple	0	Acer nigrum	Low	5.6	2.6	4.9	Lg. dec.	Very Lg. dec.	5.2	Rare	Poor	Lost	13.3	54.1	67.5	0	0	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	0	Cornus florida	Medium	24.7	1.4	31.9	Sm. dec.	Sm. dec.	5	Common	Poor	Poor	80.1	47	47	3	3	54	
red pine	0	Pinus resinosa	Medium	1	16.4	12.1	Sm. dec.	Sm. dec.	3	Common	Poor	Poor	3.6	36	59	0	0	55	
quaking aspen	1	Populus tremuloides	High	3.1	3.5	5.3	Sm. dec.	No change	4.7	Common	Poor	Fair	8.4	32.9	54.3	0	0	56	
cucumber tree	0	Magnolia acuminata	Low	2.1	1.4	2.1	Sm. dec.	Sm. dec.	3.6	Rare	Very Poor	Very Poor	7.8	76.6	80.8	0	0	57	
yellow buckeye	0	Aesculus flava	Low	14.2	5	58.4	Lg. dec.	Lg. dec.	3.1	Common	Very Poor	Very Poor	68.5	68.1	68.1	0	0	58	
pin oak	2	Quercus palustris	Low	2.6	18	8.5	Lg. dec.	Lg. dec.	2.8	Common	Very Poor	Very Poor	3.2	54.6	72.9	0	1	59	
shellbark hickory	0	Carya laciniosa	Low	0.3	10.2	2.4	Sm. dec.	Sm. dec.	3.7	Rare	Very Poor	Very Poor	2.2	31.4	55.4	0	0	60	
red spruce	0	Picea rubens	High	2.1	0.8	0.6	No change	No change	2.9	Rare	Very Poor	Very Poor	3.2	17.7	38.2	0	0	61	
eastern white pine	0	Pinus strobus	High	10.9	10.1	39.6	Very Lg. dec.	Very Lg. dec.	3.3	Common	Lost	Lost	59.2	74.8	74.8	0	0	62	
eastern hemlock	0	Tsuga canadensis	High	5.2	8.8	26.7	Very Lg. dec.	Very Lg. dec.	2.7	Common	Lost	Lost	22.9	72.5	78	0	0	63	
American holly	0	Ilex opaca	Medium	1	0	0	Unknown	Unknown	4.5	Modeled	Unknown	Unknown	0	9.6	35.3	0	0	64	
cittamwood/gum bumel	2	Sideroxylon lanuginosum ssp	Low	0	0	0	Unknown	New Habitat	5.6	Absent	Unknown	New Habitat	0	0	0	0	0	4	65
bluejack oak	0	Quercus incana	Low	0	0	0	Unknown	Unknown	4.8	Absent	Unknown	Unknown	0	0	0.1	0	0	66	
shortleaf pine	3	Pinus echinata	High	0	0	0	New Habitat	New Habitat	3.6	Absent	New Habitat	New Habitat	0	27.5	53.5	1.01	2.45	67	
southern red oak	3	Quercus falcata	Medium	0	0	0	New Habitat	New Habitat	5.3	Absent	New Habitat	New Habitat	0	14.2	41.6	1	2.36	68	
winged elm	3	Ulmus alata	Medium	0	0	0	New Habitat	New Habitat	3.6	Absent	New Habitat	New Habitat	0	8.8	35.1	1	3.03	69	
Shumard oak	3	Quercus shumardii	Low	0	0	0	New Habitat	New Habitat	5.8	Absent	New Habitat	New Habitat	0	4.3	23.8	0	1	70	
sugarberry	3	Celtis laevigata	Medium	0	0	0	New Habitat	New Habitat	4.6	Absent	New Habitat	New Habitat	0	0.2	4.7	0	1.32	71	
water oak	3	Quercus nigra	High	0	0	0	New Habitat	New Habitat	3.7	Absent	New Habitat	New Habitat	0	0.2	4.9	0	1	72	
blackjack oak	3	Quercus marilandica	Medium	0	0	0	New Habitat	New Habitat	5.6	Absent	New Habitat	New Habitat	0	0.1	2.8	1	1.19	73	
pecan	3	Carya illinoensis	Low	0	0	0	New Habitat	New Habitat	2.2	Absent	New Habitat	New Habitat	0	0	1	0	1.09	74	
black hickory	2	Carya texana	High	0	0	0	New Habitat	New Habitat	4.1	Absent	New Habitat	New Habitat	0	0	0	0	1	75	
chokecherry	0	Prunus virginiana	FIA Only	5.2	2.8	2.4	Unknown	Unknown	3.8	Rare	FIA Only	FIA Only	20.2	77	80.4	0	0	76	
wild plum	0	Prunus americana	FIA Only	0	2	0	Unknown	Unknown	3.9	Absent	FIA Only	FIA Only	7.3	71.9	80.4	0	0	77	
butternut	0	Juglans cinerea	FIA Only	1.4	0.8	1.2	Unknown	Unknown	2.3	Rare	FIA Only	FIA Only	11.6	61.7	73.5	NA	NA	78	
northern catalpa	0	Catalpa speciosa	FIA Only	0.3	1	0.2	Unknown	Unknown	4.2	Rare	FIA Only	FIA Only	2.4	14.9	32.8	0	0	79	
Norway spruce	0	Picea abies	FIA Only	1	7.4	5.6	Unknown	Unknown	NA	Common	NNIS	NNIS	NA	NA	NA	NA	NA	80	
Scotch pine	0	Pinus sylvestris	FIA Only	1.1	4.2	6.5	Unknown	Unknown	NA	Common	NNIS	NNIS	NA	NA	NA	NA	NA	81	
ailanthus	0	Ailanthus altissima	FIA Only	17.6	4	30.1	Unknown	Unknown	NA	Common	NNIS	NNIS	NA	NA	NA	NA	NA	82	
white mulberry	0	Morus alba	FIA Only	4.1	1.7	2.1	Unknown	Unknown	NA	Rare	NNIS	NNIS	NA	NA	NA	NA	NA	83	