

Subsection_2221a_Distrib2

Ecoregion Subsections Distrib2 Output for Species Current and Potential Future Habitat and Capability

Landscape Change Research Group
Iverson, Peters, Prasad, Matthews
USFS Northern Research Station
Delaware, OH

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	10.5	6.7	17.2	Lg. inc.	Sm. inc.	6.1	Common	Very Good	Very Good	10.2	71.9	72	1.48	1.4	1
northern red oak	1	Quercus rubra	Medium	75.2	10.8	100.4	Sm. inc.	Sm. inc.	5.4	Abundant	Very Good	Very Good	62.4	57.4	57.4	2.75	3.82	2
yellow-poplar	1	Liriodendron tulipifera	High	35.7	8.1	63.8	Sm. inc.	No change	5.3	Common	Very Good	Good	54.8	53.1	53.3	3.2	2.33	3
American elm	1	Ulmus americana	Medium	86.2	5	115.8	Sm. inc.	Sm. inc.	4	Abundant	Very Good	Very Good	76.7	45.7	45.7	3	4.69	4
sugar maple	1	Acer saccharum	High	99.6	14.8	462.3	No change	No change	5.8	Abundant	Very Good	Very Good	76.8	29.6	29.6	5.25	5.01	5
American beech	1	Fagus grandifolia	High	63.3	5.6	99.5	No change	Sm. dec.	3.6	Abundant	Good	Fair	70.5	46.5	46.5	2.87	2.87	6
bur oak	1	Quercus macrocarpa	Medium	6.4	6.5	16.1	No change	No change	6.4	Common	Good	Good	4.8	37	50	0	0	7
red maple	1	Acer rubrum	High	100	22.4	785.9	Sm. dec.	Lg. dec.	8.5	Abundant	Good	Good	76.8	13.4	13.4	5.84	4.12	8
black walnut	1	Juglans nigra	Low	18.9	6	25.1	No change	Sm. inc.	4	Common	Fair	Good	25.7	72.5	72.6	1.89	1.91	9
silver maple	1	Acer saccharinum	Low	9.3	6.7	50.3	Sm. dec.	Sm. dec.	5.6	Common	Fair	Fair	31.6	72.3	72.5	2.26	2.07	10
sassafras	1	Sassafras albidum	Low	17.6	4.9	20.6	No change	Sm. dec.	4.2	Common	Fair	Poor	29.2	70.3	71	1.64	1.34	11
black locust	1	Robinia pseudoacacia	Low	22.5	9.7	35.7	No change	Sm. inc.	3.8	Common	Fair	Good	47.9	67.9	67.9	2.63	2.57	12
bitternut hickory	1	Carya cordiformis	Low	26.9	5.2	42.1	Sm. dec.	Sm. dec.	5.6	Common	Fair	Fair	51.9	67.3	67.3	2.75	2.6	13
boxelder	1	Acer negundo	Low	2	6	6.1	Sm. dec.	No change	7.4	Common	Fair	Good	11.1	66.2	73.3	1.24	1.37	14
eastern hophornbeam; i	1	Ostrya virginiana	Low	14.8	2.2	18.8	Sm. dec.	Sm. dec.	6.4	Common	Fair	Fair	51.4	66	66	2.75	2.76	15
slippery elm	1	Ulmus rubra	Low	2.7	2.3	5.2	No change	No change	4.8	Common	Fair	Fair	13.3	64.4	71.6	1.55	1.31	16
shagbark hickory	1	Carya ovata	Medium	34.5	5.9	42	No change	Sm. dec.	4.4	Common	Fair	Poor	44.8	64.1	64.1	2.21	2.11	17
blackgum	1	Nyssa sylvatica	Medium	16	4.9	20.5	Sm. dec.	Sm. dec.	5.9	Common	Fair	Fair	58.5	57.4	57.4	2.63	2.66	18
green ash	1	Fraxinus pennsylvanica	Low	45.5	11.1	143	Sm. dec.	No change	4	Abundant	Fair	Good	75.2	55.4	55.4	2.97	3.58	19
quaking aspen	1	Populus tremuloides	High	63.5	16	295.1	Lg. dec.	Lg. dec.	4.7	Abundant	Fair	Fair	75.2	47.6	47.6	3	3	20
white ash	1	Fraxinus americana	Medium	98.1	15	370.6	No change	No change	2.7	Abundant	Fair	Fair	76.8	33	33	3.55	3	21
black cherry	1	Prunus serotina	Medium	99.8	13.3	335.4	No change	Sm. dec.	3	Abundant	Fair	Fair	76.8	28.8	28.8	4.45	3	22
black ash	0	Fraxinus nigra	Medium	3.2	41.1	69.3	Sm. dec.	Sm. dec.	1.7	Common	Poor	Poor	35.6	71.8	72.7	0	0	23
cucumbertree	0	Magnolia acuminata	Low	8.2	1.4	8.4	Sm. dec.	Sm. dec.	3.6	Common	Poor	Poor	36.3	70.6	70.7	0	0	24
black willow	0	Salix nigra	Low	8.4	3.3	11.7	No change	No change	2.8	Common	Poor	Poor	58.5	70.4	70.4	0	2.69	25
eastern white pine	2	Pinus strobus	High	15.2	4.8	19	Sm. dec.	Sm. dec.	3.3	Common	Poor	Poor	19.8	70.3	70.3	1.45	1.34	26
American hornbeam; m	0	Carpinus caroliniana	Low	15.5	2.6	21.1	Lg. dec.	Lg. dec.	5.1	Common	Poor	Poor	76.7	68.6	68.6	3	3	27
serviceberry	0	Amelanchier spp.	Low	1.6	0.7	2.3	No change	No change	4.8	Rare	Poor	Poor	71.2	68.3	68.3	0	0	28
eastern cottonwood	0	Populus deltoides	Low	18.6	17.4	55.3	Sm. dec.	Lg. dec.	3.9	Common	Poor	Poor	30.2	61.3	67.3	1.19	1.9	29
chestnut oak	2	Quercus prinus	High	3.1	9.2	3.8	Sm. dec.	Sm. dec.	6.1	Rare	Poor	Poor	9.9	57.9	68.1	1.21	1.22	30
bigtooth aspen	0	Populus grandidentata	Medium	17.3	6.1	46	Lg. dec.	Lg. dec.	5.1	Common	Poor	Poor	74.9	57.4	57.4	3	0	31
yellow birch	0	Betula alleghaniensis	High	27	4.2	41.8	Sm. dec.	Sm. dec.	3.4	Common	Poor	Poor	62.2	56.3	56.3	3	3	32
swamp white oak	2	Quercus bicolor	Low	8.2	11.9	10	Sm. dec.	Sm. dec.	4.9	Common	Poor	Poor	12.2	51.7	64	1	0	33
American basswood	0	Tilia americana	Medium	55.2	5.7	64	Sm. dec.	Sm. dec.	4.6	Common	Poor	Poor	75.3	50.1	50.1	2.97	2.96	34
eastern hemlock	0	Tsuga canadensis	High	47.1	11.2	179.5	Lg. dec.	Lg. dec.	2.7	Abundant	Poor	Poor	71	48.4	48.4	3	3	35
chinkapin oak	2	Quercus muehlenbergii	Medium	3	3	2.5	No change	No change	4.8	Rare	Poor	Poor	6	14.6	22.5	1	1	36
black maple	0	Acer nigrum	Low	1.6	2.6	2.2	Lg. dec.	Very Lg. dec.	5.2	Rare	Poor	Lost	5.7	14.4	25.7	0	0	37
swamp chestnut oak	0	Quercus michauxii	Low	1.6	1.6	1.3	No change	Sm. dec.	4.6	Rare	Poor	Very Poor	5.7	13.8	20	0	0	38
sweetgum	1	Liquidambar styraciflua	High	0	0.5	0.3	No change	Sm. inc.	4.1	Rare	Poor	Fair	0	1	12.7	1	1.41	39
pin cherry	0	Prunus pensylvanica	Low	1.6	0.5	0.4	Lg. dec.	Lg. dec.	4.2	Rare	Very Poor	Very Poor	57.9	73.3	73.8	0	0	40
striped maple	0	Acer pensylvanicum	Medium	0	0.3	0.3	Lg. dec.	Lg. dec.	5.1	Rare	Very Poor	Very Poor	10.2	53.8	66	0	0	41
flowering dogwood	2	Cornus florida	Medium	0	0.7	0.6	Sm. dec.	No change	5	Rare	Very Poor	Poor	13.2	48.1	63.6	1	1	42
pin oak	2	Quercus palustris	Low	24.2	17.6	50.9	Lg. dec.	Lg. dec.	2.8	Common	Very Poor	Very Poor	14.1	47.7	62.4	1.36	1.72	43
white spruce	0	Picea glauca	Medium	1.6	3.4	2.8	Very Lg. dec.	Very Lg. dec.	3.9	Rare	Lost	Lost	10.6	52.6	65.5	0	0	44
gray birch	0	Betula populifolia	Low	1.3	0	0	Unknown	Unknown	3.6	Modeled	Unknown	Unknown	0	34.3	58.2	0	0	45
sourwood	3	Oxydendrum arboreum	High	4.8	0	0	Unknown	New Habitat	6.9	Absent	Unknown	New Habitat	0	14.9	32	0	1	46
slash pine	0	Pinus elliottii	High	0	0	0	Unknown	New Habitat	4.3	Absent	Unknown	New Habitat	0	0	0	0	0	47
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	48
bigleaf magnolia	0	Magnolia macrophylla	Low	0	0	0	Unknown	Unknown	4.4	Absent	Unknown	Unknown	0	0	0	0	0	49
bluejack oak	0	Quercus incana	Low	0	0	0	Unknown	Unknown	4.8	Absent	Unknown	Unknown	0	0	0	0	0	50
ashe juniper	0	Juniperus ashei	High	0	0	0	New Habitat	New Habitat	NA	Absent	New Habitat	New Habitat	NA	NA	NA	NA	NA	51
pignut hickory	3	Carya glabra	Medium	0	0	0	New Habitat	New Habitat	4.7	Absent	New Habitat	New Habitat	0	75.2	76.7	1.1	1.12	52
sweet birch	3	Betula lenta	High	0	0	0	New Habitat	New Habitat	3.2	Absent	New Habitat	New Habitat	0	73.1	75.9	1.32	1.41	53



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black oak	3	Quercus velutina	High	6.2	0	0	New Habitat	New Habitat	4.9	Absent	New Habitat	New Habitat	0	71.7	76	1.01	2.93	54
mockernut hickory	3	Carya alba	Medium	0	0	0	New Habitat	New Habitat	5.4	Absent	New Habitat	New Habitat	0	39.8	61.7	1	1	55
scarlet oak	3	Quercus coccinea	Medium	0	0	0	New Habitat	New Habitat	4.6	Absent	New Habitat	New Habitat	0	38.2	62.9	0	0	56
sycamore	3	Platanus occidentalis	Low	0	0	0	New Habitat	New Habitat	4.8	Absent	New Habitat	New Habitat	0.8	30	50.8	1.07	1.06	57
shingle oak	3	Quercus imbricaria	Medium	0	0	0	New Habitat	New Habitat	4.9	Absent	New Habitat	New Habitat	0	13.7	36	1	1	58
eastern redbud	3	Cercis canadensis	Low	0	0	0	New Habitat	New Habitat	4.9	Absent	New Habitat	New Habitat	0	13.2	38.9	1	1	59
eastern redcedar	3	Juniperus virginiana	Medium	0	0	0	New Habitat	New Habitat	3.9	Absent	New Habitat	New Habitat	0	7.8	31.7	1.18	3.99	60
hackberry	3	Celtis occidentalis	Medium	0	0	0	New Habitat	New Habitat	5.7	Absent	New Habitat	New Habitat	0	5.3	24.1	1	1	61
honeylocust	3	Gleditsia triacanthos	Low	0	0	0	New Habitat	New Habitat	5.5	Absent	New Habitat	New Habitat	0	1.9	12.7	0	0	62
common persimmon	3	Diospyros virginiana	Low	0	0	0	New Habitat	New Habitat	5.8	Absent	New Habitat	New Habitat	0	1	12	1	1	63
loblolly pine	3	Pinus taeda	High	0	0	0	New Habitat	New Habitat	3.4	Absent	New Habitat	New Habitat	0	0.4	7.6	0	3.38	64
southern red oak	3	Quercus falcata	Medium	0	0	0	New Habitat	New Habitat	5.3	Absent	New Habitat	New Habitat	0	0.1	7.1	0	1	65
shortleaf pine	3	Pinus echinata	High	0	0	0	New Habitat	New Habitat	3.6	Absent	New Habitat	New Habitat	0	0	1.8	0	1	66
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	67
pecan	0	Carya illinoensis	Low	0	0	0	New Habitat	New Habitat	2.2	Absent	New Habitat	New Habitat	0	0	0	0	0	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	0	Celtis laevigata	Medium	0	0	0	New Habitat	New Habitat	4.6	Absent	New Habitat	New Habitat	0	0	0	0	0	70
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	2.5	71
water oak	2	Quercus nigra	High	0	0	0	New Habitat	New Habitat	3.7	Absent	New Habitat	New Habitat	0	0	0	0	1	72
post oak	3	Quercus stellata	High	0	0	0	New Habitat	New Habitat	5.7	Absent	New Habitat	New Habitat	0	0	2	1	4.28	73
live oak	0	Quercus virginiana	High	0	0	0	New Habitat	New Habitat	5	Absent	New Habitat	New Habitat	0	0	0	0	0	74
winged elm	3	Ulmus alata	Medium	0	0	0	New Habitat	New Habitat	3.6	Absent	New Habitat	New Habitat	0	0	0.6	0	2.75	75
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	76
peachleaf willow	0	Salix amygdaloides	FIA Only	1.6	3.8	3.2	Unknown	Unknown	3.4	Rare	FIA Only	FIA Only	9.4	28.2	36.4	0	0	77
Norway spruce	0	Picea abies	FIA Only	7.1	12.6	54.4	Unknown	Unknown	NA	Common	NNIS	NNIS	NA	NA	NA	NA	NA	78
Scotch pine	0	Pinus sylvestris	FIA Only	13.2	13.9	84.1	Unknown	Unknown	NA	Abundant	NNIS	NNIS	NA	NA	NA	NA	NA	79