

HUC8_Mohican_Distrib2

HUC8 Watersheds

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

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
hackberry	1	Celtis occidentalis	Medium	15.1	1.6	7.5	Sm. inc.	Sm. inc.	5.7	Common	Very Good	Very Good	42.2	72.7	72.7	2.11	2.16	1
yellow-poplar	1	Liriodendron tulipifera	High	43.4	4	41	Sm. inc.	Sm. inc.	5.3	Common	Very Good	Very Good	86.9	67.2	67.2	3.62	3	2
bur oak	1	Quercus macrocarpa	Medium	18.9	2.1	14.1	Sm. inc.	Sm. inc.	6.4	Common	Very Good	Very Good	49.3	51.5	55.5	0	2.56	3
white oak	1	Quercus alba	Medium	50.9	3.9	52.6	Sm. inc.	Sm. inc.	6.1	Common	Very Good	Very Good	73.3	51.4	51.4	3.02	3.29	4
northern red oak	1	Quercus rubra	Medium	86.8	5.4	87.3	No change	No change	5.4	Abundant	Very Good	Very Good	89.2	25.2	25.2	3	3	5
blackgum	1	Nyssa sylvatica	Medium	18.9	2.5	22.8	No change	Sm. dec.	5.9	Common	Good	Fair	85.5	71.9	71.9	3	3	6
Virginia pine	1	Pinus virginiana	High	7.5	0.6	0.6	Lg. inc.	Lg. inc.	3.8	Rare	Good	Good	7.1	64.3	78.2	0	1	7
black walnut	1	Juglans nigra	Low	86.8	5.8	43.7	Sm. inc.	Sm. inc.	4	Common	Good	Good	89.3	52	52	3	3	8
bitternut hickory	1	Carya cordiformis	Low	79.2	5.2	65.8	No change	No change	5.6	Common	Good	Good	89.3	32.4	32.4	3	3	9
red maple	1	Acer rubrum	High	92.5	14	361.6	Sm. dec.	Lg. dec.	8.5	Abundant	Good	Good	89.3	11.1	11.1	3.48	3	10
American elm	1	Ulmus americana	Medium	98.1	5.2	104.9	No change	Sm. inc.	4	Abundant	Good	Very Good	89.3	10.7	10.7	5	5	11
sugar maple	1	Acer saccharum	High	100	16.7	354.2	Sm. dec.	Sm. dec.	5.8	Abundant	Good	Good	89.3	3	3	5.53	3	12
sycamore	1	Platanus occidentalis	Low	15.1	4.9	11.8	No change	No change	4.8	Common	Fair	Fair	42.8	81.1	81.1	2.37	2.4	13
boxelder	1	Acer negundo	Low	11.3	13.9	25.6	Lg. dec.	Lg. dec.	7.4	Common	Fair	Fair	84.3	80.2	80.2	2.92	2.94	14
flowering dogwood	1	Cornus florida	Medium	18.9	1.9	14.1	No change	No change	5	Common	Fair	Fair	89.1	76.1	76.1	3	3	15
silver maple	1	Acer saccharinum	Low	17	13.9	53.1	Lg. dec.	Lg. dec.	5.6	Common	Fair	Fair	85.4	74.3	74.3	2.96	2.98	16
pignut hickory	1	Carya glabra	Medium	26.4	2.1	11.6	No change	No change	4.7	Common	Fair	Fair	63.2	73.5	73.5	2.83	2.82	17
mockernut hickory	1	Carya alba	Medium	13.2	2.4	11.5	Sm. dec.	No change	5.4	Common	Fair	Good	72.1	71.7	71.7	2.92	2.75	18
black locust	1	Robinia pseudoacacia	Low	71.7	6.6	64.8	No change	Sm. inc.	3.8	Common	Fair	Good	89.3	66.2	66.2	3	3	19
black oak	1	Quercus velutina	High	34	4.2	54.6	No change	Sm. inc.	4.9	Common	Fair	Good	63.4	52.9	52.9	2.57	2.95	20
eastern hophornbeam; i	1	Ostrya virginiana	Low	69.8	3.1	38	Sm. dec.	Sm. dec.	6.4	Common	Fair	Fair	89.3	48.6	48.6	3	3	21
green ash	1	Fraxinus pennsylvanica	Low	77.4	5.7	72.7	No change	Sm. inc.	4	Common	Fair	Good	89.3	40.9	40.9	3	3.61	22
shagbark hickory	1	Carya ovata	Medium	86.8	5.9	58.5	No change	Sm. dec.	4.4	Common	Fair	Poor	89.3	38.7	38.7	3	3	23
American beech	1	Fagus grandifolia	High	88.7	5.8	78.2	Sm. dec.	Lg. dec.	3.6	Abundant	Fair	Fair	89.3	33.5	33.5	3	3	24
white ash	1	Fraxinus americana	Medium	100	11.3	202.4	No change	Sm. dec.	2.7	Abundant	Fair	Fair	89.3	15.4	15.4	4.24	3.29	25
black cherry	1	Prunus serotina	Medium	100	9.9	250.6	Sm. dec.	Sm. dec.	3	Abundant	Fair	Fair	89.3	10.4	10.4	4.01	3	26
cucumbertree	0	Magnolia acuminata	Low	3.8	5.8	11.7	Sm. dec.	Sm. dec.	3.6	Common	Poor	Poor	48.1	84.4	84.4	0	0	27
shingle oak	2	Quercus imbricaria	Medium	5.7	5.9	17.7	Sm. dec.	Sm. dec.	4.9	Common	Poor	Poor	23.1	83.6	83.8	2.98	1.95	28
swamp white oak	0	Quercus bicolor	Low	3.8	11.1	11.1	Sm. dec.	Sm. dec.	4.9	Common	Poor	Poor	21.9	83.2	85.4	0	0	29
Ohio buckeye	0	Aesculus glabra	Low	9.4	4.9	4.9	No change	No change	3.5	Rare	Poor	Poor	74	75	75	0	0	30
eastern cottonwood	0	Populus deltoides	Low	17	5.6	13.8	Sm. dec.	Sm. dec.	3.9	Common	Poor	Poor	81.4	73	73	0	2.85	31
pin oak	0	Quercus palustris	Low	24.5	7.5	18.8	Sm. dec.	Sm. dec.	2.8	Common	Poor	Poor	71.4	72.5	72.5	3	2.86	32
scarlet oak	0	Quercus coccinea	Medium	5.7	3.1	20.2	Sm. dec.	Sm. dec.	4.6	Common	Poor	Poor	58.6	69.7	69.7	2.92	2.85	33
sassafras	0	Sassafras albidum	Low	13.2	7.9	33.2	Sm. dec.	Sm. dec.	4.2	Common	Poor	Poor	89.1	69.1	69.1	3	3	34
American basswood	0	Tilia americana	Medium	64.2	2.3	22.9	Sm. dec.	Sm. dec.	4.6	Common	Poor	Poor	89.3	54.8	54.8	3	3	35
slippery elm	0	Ulmus rubra	Low	77.4	4.6	67.3	Sm. dec.	Sm. dec.	4.8	Common	Poor	Poor	89.3	29.4	29.4	3	3	36
black willow	2	Salix nigra	Low	1.9	1.2	1.2	No change	No change	2.8	Rare	Very Poor	Very Poor	23.2	88.2	88.2	0	2.14	37
American hornbeam; m	0	Carpinus caroliniana	Low	3.8	1.8	3.5	Sm. dec.	Sm. dec.	5.1	Rare	Very Poor	Very Poor	34.2	86.3	86.3	0	3	38
serviceberry	0	Amelanchier spp.	Low	1.9	1.4	2.7	Sm. dec.	Sm. dec.	4.8	Rare	Very Poor	Very Poor	53.8	85.3	85.3	0	0	39
red pine	0	Pinus resinosa	Medium	9.4	6.3	16.4	Lg. dec.	Very Lg. dec.	3	Common	Very Poor	Lost	39.9	70.1	72.1	0	0	40
eastern hemlock	0	Tsuga canadensis	High	1.9	4.7	4.7	Lg. dec.	Very Lg. dec.	2.7	Rare	Very Poor	Lost	12.3	64.3	77.8	0	0	41
shellbark hickory	0	Carya laciniosa	Low	1.9	2.9	2.9	Sm. dec.	Sm. dec.	3.7	Rare	Very Poor	Very Poor	6.1	41.1	61.7	0	0	42
black ash	0	Fraxinus nigra	Medium	17	6.5	16.9	Very Lg. dec.	Very Lg. dec.	1.7	Common	Lost	Lost	51.4	83.7	83.8	0	0	43
bigtooth aspen	0	Populus grandidentata	Medium	22.6	3.8	24.8	Very Lg. dec.	Very Lg. dec.	5.1	Common	Lost	Lost	68.8	82.2	82.2	0	0	44
yellow buckeye	0	Aesculus flava	Low	1.9	0.6	0.6	Very Lg. dec.	Very Lg. dec.	3.1	Rare	Lost	Lost	4.2	78.5	86.5	0	0	45
eastern white pine	0	Pinus strobus	High	11.3	4.9	37.3	Very Lg. dec.	Very Lg. dec.	3.3	Common	Lost	Lost	55.6	73.6	73.6	0	0	46
quaking aspen	0	Populus tremuloides	High	1.9	1.4	1.4	Very Lg. dec.	Very Lg. dec.	4.7	Rare	Lost	Lost	12.6	67.5	81.2	0	0	47
black maple	0	Acer nigrum	Low	5.7	0.8	1.6	Very Lg. dec.	Very Lg. dec.	5.2	Rare	Lost	Lost	26.3	60.7	69	0	0	48
sweet birch	0	Betula lenta	High	7.5	0.6	0.6	Very Lg. dec.	Very Lg. dec.	3.2	Rare	Lost	Lost	6.7	56.3	75	0	0	49
pin cherry	0	Prunus pensylvanica	Low	1.9	0	0	Unknown	Unknown	4.2	Modeled	Unknown	Unknown	4.2	86.4	88.7	0	0	50
Osage-orange	3	Maclura pomifera	Medium	0	0	0	New Habitat	New Habitat	6.3	Absent	New Habitat	New Habitat	2	89	89.2	1.46	1.49	51
honeylocust	3	Gleditsia triacanthos	Low	0	0	0	New Habitat	New Habitat	5.5	Absent	New Habitat	New Habitat	2.8	85.8	88.6	1.07	1.71	52
eastern redbud	3	Cercis canadensis	Low	0	0	0	New Habitat	New Habitat	4.9	Absent	New Habitat	New Habitat	1.1	85.5	88.4	1	1.11	53

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red mulberry	3	Morus rubra	Low	0	0	0	New Habitat	New Habitat	4.7	Absent	New Habitat	New Habitat	0	67.5	82.2	0	0	54
chestnut oak	3	Quercus prinus	High	0	0	0	New Habitat	New Habitat	6.1	Absent	New Habitat	New Habitat	0	62.3	81.3	1	1	55
sourwood	3	Oxydendrum arboreum	High	0	0	0	New Habitat	New Habitat	6.9	Absent	New Habitat	New Habitat	0	45.3	73	0	1	56
eastern redcedar	3	Juniperus virginiana	Medium	0	0	0	New Habitat	New Habitat	3.9	Absent	New Habitat	New Habitat	0	38.7	68.2	1.1	3.92	57
sweetgum	3	Liquidambar styraciflua	High	9.4	0	0	New Habitat	New Habitat	4.1	Absent	New Habitat	New Habitat	0	22.1	53.8	0	1	58
common persimmon	3	Diospyros virginiana	Low	0	0	0	New Habitat	New Habitat	5.8	Absent	New Habitat	New Habitat	0	20.5	54.3	0	1	59
chinkapin oak	3	Quercus muehlenbergii	Medium	0	0	0	New Habitat	New Habitat	4.8	Absent	New Habitat	New Habitat	0	15.7	46.9	1	1	60
southern red oak	3	Quercus falcata	Medium	0	0	0	New Habitat	New Habitat	5.3	Absent	New Habitat	New Habitat	0	1.6	16.6	0	1	61
winged elm	3	Ulmus alata	Medium	0	0	0	New Habitat	New Habitat	3.6	Absent	New Habitat	New Habitat	0	1.5	14.8	0	1	62
shortleaf pine	3	Pinus echinata	High	0	0	0	New Habitat	New Habitat	3.6	Absent	New Habitat	New Habitat	0	1	14.1	0	1	63
post oak	3	Quercus stellata	High	0	0	0	New Habitat	New Habitat	5.7	Absent	New Habitat	New Habitat	0	0.9	11	0	6.45	64
pecan	3	Carya illinoensis	Low	0	0	0	New Habitat	New Habitat	2.2	Absent	New Habitat	New Habitat	0	0	0.3	0	1	65
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	66
blackjack oak	3	Quercus marilandica	Medium	0	0	0	New Habitat	New Habitat	5.6	Absent	New Habitat	New Habitat	0	0	0.5	0	2.62	67
chokecherry	0	Prunus virginiana	FIA Only	0	0.8	0.8	Unknown	Unknown	3.8	Rare	FIA Only	FIA Only	43.2	88.5	88.5	0	0	68
butternut	0	Juglans cinerea	FIA Only	1.9	1.3	1.3	Unknown	Unknown	2.3	Rare	FIA Only	FIA Only	4.7	30.2	54.9	NA	NA	69
Norway maple	0	Acer platanoides	FIA Only	15.1	0.6	0.6	Unknown	Unknown	NA	Rare	NNIS	NNIS	NA	NA	NA	NA	NA	70