

HUC8 Watersheds  
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
white oak	1	Quercus alba	Medium	19	4.6	34.7	Lg. inc.	Sm. inc.	6.1	Common	Very Good	Very Good	56	86.1	86.1	2.57	2.57	1
yellow-poplar	1	Liriodendron tulipifera	High	46.6	6.6	74.5	Sm. inc.	Sm. inc.	5.3	Common	Very Good	Very Good	93.2	63.4	63.4	3.06	3	2
American elm	1	Ulmus americana	Medium	100	6.1	136	Sm. inc.	Sm. inc.	4	Abundant	Very Good	Very Good	93.2	47.2	47.2	3.13	5.27	3
sugar maple	1	Acer saccharum	High	96.6	8.1	186.5	Sm. inc.	No change	5.8	Abundant	Very Good	Very Good	93.2	45.2	45.2	4.05	3	4
northern red oak	1	Quercus rubra	Medium	93.1	7.9	234.7	No change	No change	5.4	Abundant	Very Good	Very Good	93.2	41.3	41.3	3	3	5
black oak	1	Quercus velutina	High	15.5	4.2	28.1	Sm. inc.	Lg. inc.	4.9	Common	Good	Very Good	66.5	80.3	80.3	2.62	3.87	6
bitternut hickory	1	Carya cordiformis	Low	50	4.2	43.4	No change	Sm. inc.	5.6	Common	Good	Very Good	93.1	75.9	75.9	3	3	7
shagbark hickory	1	Carya ovata	Medium	86.2	7.2	155.6	No change	No change	4.4	Abundant	Good	Good	93.2	58.8	58.8	3	3	8
blackgum	1	Nyssa sylvatica	Medium	46.6	4.7	77.1	Sm. dec.	Sm. dec.	5.9	Abundant	Good	Good	93.2	58.6	58.6	3	3	9
American beech	1	Fagus grandifolia	High	84.5	7.8	178	No change	Sm. dec.	3.6	Abundant	Good	Fair	93.2	55.5	55.5	3	3	10
white ash	1	Fraxinus americana	Medium	94.8	4.2	96.6	Sm. inc.	Sm. inc.	2.7	Abundant	Good	Good	93.2	50.5	50.5	3.16	3	11
bur oak	1	Quercus macrocarpa	Medium	3.4	6.4	6	No change	No change	6.4	Common	Good	Good	0	23.2	45.2	0	0	12
red maple	1	Acer rubrum	High	100	31.1	1384.2	Lg. dec.	Lg. dec.	8.5	Abundant	Good	Good	93.2	10.4	10.4	6	3	13
silver maple	1	Acer saccharinum	Low	6.9	12	34	Sm. dec.	Sm. dec.	5.6	Common	Fair	Fair	37	90.9	90.9	2.89	2.84	14
boxelder	1	Acer negundo	Low	1.7	2.9	2.7	No change	No change	7.4	Rare	Fair	Fair	13.3	89	91.5	1.11	1.5	15
slippery elm	1	Ulmus rubra	Low	8.6	4	15	No change	No change	4.8	Common	Fair	Fair	68.8	86.2	86.2	2.71	2.72	16
green ash	1	Fraxinus pennsylvanica	Low	36.2	7.5	63.7	No change	No change	4	Common	Fair	Fair	88.9	83	83	3	2.99	17
black willow	1	Salix nigra	Low	6.9	21.9	103.6	No change	Sm. dec.	2.8	Abundant	Fair	Fair	91.4	82.9	82.9	0	2.99	18
sycamore	1	Platanus occidentalis	Low	0	0.4	0.4	Sm. inc.	Sm. inc.	4.8	Rare	Fair	Fair	17.9	80.7	81.5	1.49	1.49	19
black locust	1	Robinia pseudoacacia	Low	17.2	8.2	35.2	No change	No change	3.8	Common	Fair	Fair	92.9	77.4	77.4	3	3	20
eastern hophornbeam; i	1	Ostrya virginiana	Low	12.1	2.8	23.4	Sm. dec.	No change	6.4	Common	Fair	Good	93.2	73.8	73.8	3	3	21
pignut hickory	1	Carya glabra	Medium	3.4	4	25.5	No change	No change	4.7	Common	Fair	Fair	77	71.2	71.2	2.55	2.75	22
bigtooth aspen	1	Populus grandidentata	Medium	31	6.3	79.3	Lg. dec.	Very Lg. dec.	5.1	Abundant	Fair	Lost	93.2	67.4	67.4	3	0	23
sassafras	1	Sassafras albidum	Low	17.2	3	34.1	No change	Sm. dec.	4.2	Common	Fair	Poor	93.2	62.5	62.5	3	3	24
quaking aspen	1	Populus tremuloides	High	46.6	6.3	104.2	Lg. dec.	Lg. dec.	4.7	Abundant	Fair	Fair	92.6	61.7	61.7	0	0	25
pin oak	1	Quercus palustris	Low	36.2	14.2	189	Sm. dec.	Lg. dec.	2.8	Abundant	Fair	Poor	92.1	57.6	57.6	3	3	26
black cherry	1	Prunus serotina	Medium	100	12.1	543.5	Sm. dec.	Sm. dec.	3	Abundant	Fair	Fair	93.2	12.9	12.9	6	3	27
flowering dogwood	2	Cornus florida	Medium	1.7	1.4	1.3	No change	Sm. dec.	5	Rare	Poor	Very Poor	8	93	93.1	0	1.41	28
black walnut	0	Juglans nigra	Low	10.3	10.7	40.4	Sm. dec.	Sm. dec.	4	Common	Poor	Poor	62.1	88.8	88.8	2.65	2.65	29
sweet birch	2	Betula lenta	High	3.4	4	11.3	Sm. dec.	Sm. dec.	3.2	Common	Poor	Poor	24.5	87.3	87.4	3	0	30
scarlet oak	2	Quercus coccinea	Medium	1.7	1.2	1.1	No change	No change	4.6	Rare	Poor	Poor	5.8	86	90.2	2	2	31
eastern cottonwood	2	Populus deltoides	Low	1.7	2.1	2	No change	No change	3.9	Rare	Poor	Poor	13.9	85.2	89.1	0	1.21	32
serviceberry	0	Amelanchier spp.	Low	5.2	3.3	15.5	Lg. dec.	Lg. dec.	4.8	Common	Poor	Poor	93.2	83.2	83.2	0	0	33
shingle oak	0	Quercus imbricaria	Medium	8.6	6	22.7	Sm. dec.	Sm. dec.	4.9	Common	Poor	Poor	67.7	81.7	81.7	3	3	34
American hornbeam; m	0	Carpinus caroliniana	Low	20.7	4.5	51.3	Lg. dec.	Lg. dec.	5.1	Common	Poor	Poor	93.2	78.9	78.9	0	3	35
American basswood	0	Tilia americana	Medium	39.7	4.9	55.8	Sm. dec.	Sm. dec.	4.6	Common	Poor	Poor	93.2	77	77	3	3	36
swamp white oak	0	Quercus bicolor	Low	22.4	3.4	34.4	Sm. dec.	Lg. dec.	4.9	Common	Poor	Poor	71.7	74.2	74.2	3	0	37
black maple	0	Acer nigrum	Low	5.2	1.5	2.9	Sm. dec.	Very Lg. dec.	5.2	Rare	Poor	Lost	18.8	72.7	82.2	0	0	38
cucumbertree	0	Magnolia acuminata	Low	17.2	2.8	23.9	Sm. dec.	Lg. dec.	3.6	Common	Poor	Poor	84.6	72.2	72.2	0	0	39
black ash	0	Fraxinus nigra	Medium	1.7	25.2	47.5	Sm. dec.	Sm. dec.	1.7	Common	Poor	Poor	8.8	71.9	84.7	0	0	40
eastern white pine	0	Pinus strobus	High	12.1	15.1	56.9	Lg. dec.	Lg. dec.	3.3	Common	Very Poor	Very Poor	53.1	89	89	2.86	0	41
eastern hemlock	0	Tsuga canadensis	High	12.1	10.4	39.1	Lg. dec.	Very Lg. dec.	2.7	Common	Very Poor	Lost	56.4	85	85	0	0	42
gray birch	0	Betula populifolia	Low	0	42.5	40.1	Very Lg. dec.	Very Lg. dec.	3.6	Common	Lost	Lost	27	92.8	93.2	0	0	43
pin cherry	0	Prunus pensylvanica	Low	3.4	0.9	1.7	Very Lg. dec.	Very Lg. dec.	4.2	Rare	Lost	Lost	44.7	89	89	0	0	44
yellow birch	0	Betula alleghaniensis	High	12.1	4.5	41.3	Very Lg. dec.	Lg. dec.	3.4	Common	Lost	Poor	88.6	73.5	73.5	0	0	45
red pine	0	Pinus resinosa	Medium	1.7	7.5	7.1	Very Lg. dec.	Very Lg. dec.	3	Common	Lost	Lost	13.9	68.8	82.4	0	0	46
sourwood	0	Oxydendrum arboreum	High	6.9	0.9	0.8	Very Lg. dec.	Very Lg. dec.	6.9	Rare	Lost	Lost	4	40.4	67.9	0	0	47
jack pine	0	Pinus banksiana	Medium	0	0	0	Unknown	Unknown	5.2	Absent	Unknown	Unknown	0	6.4	30.2	0	0	48
shellbark hickory	0	Carya laciniosa	Low	1.7	0	0	Unknown	Unknown	3.7	Modeled	Unknown	Unknown	0	5.9	24.3	0	0	49
mountain maple	0	Acer spicatum	Low	0	0	0	Unknown	Unknown	5.9	Absent	Unknown	Unknown	0	0.1	5	0	0	50
mockernut hickory	3	Carya alba	Medium	0	0	0	New Habitat	New Habitat	5.4	Absent	New Habitat	New Habitat	0.2	89.2	92.2	1.27	1.21	51
chestnut oak	3	Quercus prinus	High	0	0	0	New Habitat	New Habitat	6.1	Absent	New Habitat	New Habitat	0	86	91.6	1	0	52
eastern redbud	3	Cercis canadensis	Low	0	0	0	New Habitat	New Habitat	4.9	Absent	New Habitat	New Habitat	0	46.8	76.5	0	1	53

# HUC8\_Shenango\_Distrib2

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#### Current and Potential Future Habitat and Capability

Landscape Change Research Group  
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Common_Name	PC	Scientific_Name	ModRel	%CellFIA	FIAiv	FIAsum	ChngCl45	ChngCl85	Adap	Abund	Capabil45	Capabil85	%OccCol	%2Col	%AnyCol	HQCL45	HQCL85	N
hackberry	3	Celtis occidentalis	Medium	0	0	0	New Habitat	New Habitat	5.7	Absent	New Habitat	New Habitat	0	21.9	54.3	1	1	54
Osage-orange	3	Maclura pomifera	Medium	0	0	0	New Habitat	New Habitat	6.3	Absent	New Habitat	New Habitat	0	19.3	52.5	0	1	55
eastern redcedar	3	Juniperus virginiana	Medium	0	0	0	New Habitat	New Habitat	3.9	Absent	New Habitat	New Habitat	0	13.1	45.2	1	3.96	56
chinkapin oak	3	Quercus muehlenbergii	Medium	0	0	0	New Habitat	New Habitat	4.8	Absent	New Habitat	New Habitat	0	7	30.6	1	1	57
honeylocust	3	Gleditsia triacanthos	Low	0	0	0	New Habitat	New Habitat	5.5	Absent	New Habitat	New Habitat	0	6.6	31.9	0	1	58
common persimmon	3	Diospyros virginiana	Low	0	0	0	New Habitat	New Habitat	5.8	Absent	New Habitat	New Habitat	0	6.3	31.8	0	1	59
sweetgum	3	Liquidambar styraciflua	High	1.7	0	0	New Habitat	New Habitat	4.1	Absent	New Habitat	New Habitat	0	3.7	26.2	0	1	60
southern red oak	3	Quercus falcata	Medium	0	0	0	New Habitat	New Habitat	5.3	Absent	New Habitat	New Habitat	0	1.3	15.4	0	1	61
shortleaf pine	3	Pinus echinata	High	0	0	0	New Habitat	New Habitat	3.6	Absent	New Habitat	New Habitat	0	0.5	6.9	0	1.08	62
winged elm	3	Ulmus alata	Medium	0	0	0	New Habitat	New Habitat	3.6	Absent	New Habitat	New Habitat	0	0.1	3.8	0	1	63
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	64
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	3.18	65
post oak	3	Quercus stellata	High	0	0	0	New Habitat	New Habitat	5.7	Absent	New Habitat	New Habitat	0	0	3.5	0	5.88	66
butternut	0	Juglans cinerea	FIA Only	1.7	6.2	5.8	Unknown	Unknown	2.3	Common	FIA Only	FIA Only	39.6	86.3	88.8	NA	NA	67
Norway spruce	0	Picea abies	FIA Only	5.2	13.2	50	Unknown	Unknown	NA	Common	NNIS	NNIS	NA	NA	NA	NA	NA	68
Scotch pine	0	Pinus sylvestris	FIA Only	6.9	14.3	53.9	Unknown	Unknown	NA	Common	NNIS	NNIS	NA	NA	NA	NA	NA	69