

# HUC6\_Eastern Lake Erie\_Distrib2

## HUC6 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
northern red oak	1	Quercus rubra	Medium	37.8	7.8	25.5	Sm. inc.	Sm. inc.	5.4	Common	Very Good	Very Good	45.5	80	80	2.45	3.32	1
yellow-poplar	1	Liriodendron tulipifera	High	13	5.4	10.4	Sm. inc.	Sm. inc.	5.3	Common	Very Good	Very Good	23.6	76.6	80.4	1.76	1.6	2
white oak	1	Quercus alba	Medium	7.6	5.2	6.9	No change	No change	6.1	Common	Good	Good	9.2	85.4	85.8	1.47	1.56	3
blackgum	1	Nyssa sylvatica	Medium	2.7	11.4	5.6	No change	No change	5.9	Common	Good	Good	21.8	80.1	83.7	2.04	1.77	4
slippery elm	1	Ulmus rubra	Low	1.3	0.5	0.1	Lg. inc.	Lg. inc.	4.8	Rare	Good	Good	3.5	62.7	78.5	1.22	1.19	5
sugar maple	1	Acer saccharum	High	87.7	15.7	304.7	Sm. dec.	Sm. dec.	5.8	Abundant	Good	Good	88.9	34.1	34.1	4.98	4.65	6
red maple	1	Acer rubrum	High	99.4	23.4	471.4	Sm. dec.	Sm. dec.	8.5	Abundant	Good	Good	88.9	28.2	28.2	5.24	3.86	7
black locust	1	Robinia pseudoacacia	Low	4.2	14	11.5	No change	No change	3.8	Common	Fair	Fair	73.7	84.1	84.1	2.84	2.82	8
black walnut	1	Juglans nigra	Low	9.8	5.3	11.3	No change	No change	4	Common	Fair	Fair	46.5	83.5	83.6	2.38	2.36	9
boxelder	1	Acer negundo	Low	2.1	2.8	1.3	No change	No change	7.4	Rare	Fair	Fair	20.9	81.9	86	1.82	1.84	10
silver maple	1	Acer saccharinum	Low	17.8	14.4	35.7	Sm. dec.	Sm. dec.	5.6	Common	Fair	Fair	38.9	80.7	80.8	2.64	2.41	11
bitternut hickory	1	Carya cordiformis	Low	29	5	39.7	Sm. dec.	Sm. dec.	5.6	Common	Fair	Fair	75.3	67.1	67.1	2.91	2.79	12
eastern hophornbeam; i	1	Ostrya virginiana	Low	29	2.9	21	Sm. dec.	Sm. dec.	6.4	Common	Fair	Fair	75	65.9	65.9	2.82	2.84	13
green ash	1	Fraxinus pennsylvanica	Low	50.7	28.5	229.8	Sm. dec.	Sm. dec.	4	Abundant	Fair	Fair	88.5	60.1	60.1	3.33	3.5	14
quaking aspen	1	Populus tremuloides	High	63	14.1	163.7	Lg. dec.	Lg. dec.	4.7	Abundant	Fair	Fair	86.5	55.4	55.4	3	3	15
American beech	1	Fagus grandifolia	High	58.5	6.5	85.1	Sm. dec.	Sm. dec.	3.6	Abundant	Fair	Fair	75.6	50.5	50.5	2.86	2.94	16
American elm	1	Ulmus americana	Medium	79.3	7.5	70.8	No change	Sm. inc.	4	Common	Fair	Good	88.9	45	45	3	4.42	17
white ash	1	Fraxinus americana	Medium	96.6	13.2	193.4	No change	No change	2.7	Abundant	Fair	Fair	88.9	42	42	3.83	3.5	18
bur oak	1	Quercus macrocarpa	Medium	1.3	5.6	3.3	No change	No change	6.4	Rare	Fair	Fair	3.3	37.3	58.8	1.34	1.21	19
black cherry	1	Prunus serotina	Medium	89.9	10.3	185.2	No change	Sm. dec.	3	Abundant	Fair	Fair	88.9	31	31	4.68	3	20
pignut hickory	2	Carya glabra	Medium	1.3	3.9	1.8	No change	No change	4.7	Rare	Poor	Poor	10	85.8	87.2	1.41	1.5	21
black willow	0	Salix nigra	Low	5.8	2.9	5.3	No change	No change	2.8	Common	Poor	Poor	60.1	83.7	83.7	1.39	2.49	22
pin cherry	0	Prunus pensylvanica	Low	6.5	8.6	18.7	Lg. dec.	Lg. dec.	4.2	Common	Poor	Poor	87.5	82.9	82.9	0	0	23
sassafras	2	Sassafras albidum	Low	1.1	2.9	1.1	No change	No change	4.2	Rare	Poor	Poor	9.8	81.3	86.2	1.31	1.27	24
black ash	0	Fraxinus nigra	Medium	8.5	8	28.3	No change	No change	1.7	Common	Poor	Poor	44.5	80.3	80.8	0	0	25
bigtooth aspen	0	Populus grandidentata	Medium	10	8.8	24.6	Lg. dec.	Lg. dec.	5.1	Common	Poor	Poor	84.2	78.7	78.7	2.97	0	26
shagbark hickory	0	Carya ovata	Medium	25.9	9.2	29.8	Sm. dec.	Sm. dec.	4.4	Common	Poor	Poor	49.1	78.3	78.4	2.46	2.35	27
eastern white pine	0	Pinus strobus	High	16.9	4.2	16.2	Sm. dec.	Sm. dec.	3.3	Common	Poor	Poor	52.5	77.8	77.8	2.38	2.58	28
eastern cottonwood	0	Populus deltoides	Low	11.4	4.6	22.1	Sm. dec.	Sm. dec.	3.9	Common	Poor	Poor	56.3	71.5	75.3	1.98	2.51	29
American hornbeam; m	0	Carpinus caroliniana	Low	16.2	3.2	22.3	Lg. dec.	Lg. dec.	5.1	Common	Poor	Poor	85.8	69.2	69.2	3	3	30
yellow birch	0	Betula alleghaniensis	High	27.5	2.8	17.7	Sm. dec.	Sm. dec.	3.4	Common	Poor	Poor	7.7	68.8	68.9	3	3	31
chestnut oak	2	Quercus prinus	High	2.4	9.2	1.9	Sm. dec.	Sm. dec.	6.1	Rare	Poor	Poor	4.6	65.1	80.1	1.12	1.08	32
eastern hemlock	0	Tsuga canadensis	High	53.1	10.8	99.9	Lg. dec.	Lg. dec.	2.7	Abundant	Poor	Poor	80.1	61.5	61.5	3	3	33
swamp white oak	2	Quercus bicolor	Low	8.4	1.7	2.3	No change	No change	4.9	Rare	Poor	Poor	18.4	61.5	75.5	2.8	2.99	34
American basswood	0	Tilia americana	Medium	50.1	6.3	65.9	Sm. dec.	Sm. dec.	4.6	Common	Poor	Poor	88.6	59.1	59.1	2.99	2.99	35
sweet birch	2	Betula lenta	High	0.1	2.3	0.1	Sm. dec.	Sm. dec.	3.2	Rare	Very Poor	Very Poor	2.5	86.6	88.3	1.61	1.54	36
striped maple	0	Acer pensylvanicum	Medium	1	0.8	0.4	Lg. dec.	Very Lg. dec.	5.1	Rare	Very Poor	Lost	11.8	78.1	84.6	0	0	37
serviceberry	0	Amelanchier spp.	Low	7.5	1.2	4	Sm. dec.	Sm. dec.	4.8	Rare	Very Poor	Very Poor	77.5	76.6	76.6	3	3	38
cucumbertree	2	Magnolia acuminata	Low	0.6	0.9	0.6	Sm. dec.	No change	3.6	Rare	Very Poor	Poor	15.8	72.9	81.6	3	3	39
pin oak	2	Quercus palustris	Low	7.3	5.9	2.4	No change	Sm. dec.	2.8	Rare	Very Poor	Very Poor	5.9	46.7	68.1	2.09	1.51	40
American mountain-ash	0	Sorbus americana	Low	0	0.3	0.1	Lg. dec.	Lg. dec.	3.1	Rare	Very Poor	Very Poor	9.3	31.5	46.9	NA	NA	41
white spruce	0	Picea glauca	Medium	1.3	41.2	38.1	Very Lg. dec.	Very Lg. dec.	3.9	Common	Lost	Lost	45.1	79.8	83.9	0	0	42
red pine	0	Pinus resinosa	Medium	3.5	7.5	11.6	Very Lg. dec.	Very Lg. dec.	3	Common	Lost	Lost	18	62.1	74.8	0	0	43
sourwood	1	Oxydendrum arboreum	High	1.5	0.9	0.1	Very Lg. dec.	Lg. inc.	6.9	Rare	Lost	Good	1.2	8.9	19.8	0	1	44
gray birch	0	Betula populifolia	Low	1	0	0	Unknown	Unknown	3.6	Modeled	Unknown	Unknown	0	32.7	62	0	0	45
paper birch	0	Betula papyrifera	High	1.3	0	0	Unknown	Unknown	3.4	Modeled	Unknown	Unknown	0	14.6	44.9	0	0	46
mountain maple	0	Acer spicatum	Low	0	0	0	Unknown	Unknown	5.9	Absent	Unknown	Unknown	0	1.5	13.2	0	0	47
shellbark hickory	0	Carya laciniosa	Low	0.9	0	0	Unknown	Unknown	3.7	Modeled	Unknown	Unknown	0	0.1	2.9	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
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
black oak	3	Quercus velutina	High	2.5	0	0	New Habitat	New Habitat	4.9	Absent	New Habitat	New Habitat	0	79	86.2	1.07	2.81	52
eastern redcedar	3	Juniperus virginiana	Medium	0	0	0	New Habitat	New Habitat	3.9	Absent	New Habitat	New Habitat	0	35.5	59.7	1.24	3.58	53

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scarlet oak	3	Quercus coccinea	Medium	0	0	0	New Habitat	New Habitat	4.6	Absent	New Habitat	New Habitat	0	35.2	63.7	1	1	54
flowering dogwood	3	Cornus florida	Medium	0	0	0	New Habitat	New Habitat	5	Absent	New Habitat	New Habitat	2	31.3	58.8	1	1	55
mockernut hickory	3	Carya alba	Medium	0	0	0	New Habitat	New Habitat	5.4	Absent	New Habitat	New Habitat	0	29.8	60.5	1	1	56
sycamore	3	Platanus occidentalis	Low	0	0	0	New Habitat	New Habitat	4.8	Absent	New Habitat	New Habitat	0	15.7	42.8	1	1	57
shingle oak	3	Quercus imbricaria	Medium	0	0	0	New Habitat	New Habitat	4.9	Absent	New Habitat	New Habitat	0	8.6	23.6	1	1	58
eastern redbud	3	Cercis canadensis	Low	0	0	0	New Habitat	New Habitat	4.9	Absent	New Habitat	New Habitat	0	7.5	30.5	1	1	59
hackberry	3	Celtis occidentalis	Medium	0	0	0	New Habitat	New Habitat	5.7	Absent	New Habitat	New Habitat	0	2	17.5	1	1	60
Osage-orange	3	Maclura pomifera	Medium	0	0	0	New Habitat	New Habitat	6.3	Absent	New Habitat	New Habitat	0	1.4	12.1	0	1	61
chinkapin oak	3	Quercus muehlenbergii	Medium	1.1	0	0	New Habitat	New Habitat	4.8	Absent	New Habitat	New Habitat	0	1.2	6.9	1	1	62
red mulberry	3	Morus rubra	Low	0	0	0	New Habitat	New Habitat	4.7	Absent	New Habitat	New Habitat	0	0.9	12	0	1	63
common persimmon	3	Diospyros virginiana	Low	0	0	0	New Habitat	New Habitat	5.8	Absent	New Habitat	New Habitat	0	0.6	10.3	0	1	64
sweetgum	3	Liquidambar styraciflua	High	0	0	0	New Habitat	New Habitat	4.1	Absent	New Habitat	New Habitat	0	0.6	11.2	0	1.22	65
honeylocust	3	Gleditsia triacanthos	Low	0	0	0	New Habitat	New Habitat	5.5	Absent	New Habitat	New Habitat	0	0.5	8.4	1	1	66
shortleaf pine	3	Pinus echinata	High	0	0	0	New Habitat	New Habitat	3.6	Absent	New Habitat	New Habitat	0	0	1.7	0	1	67
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	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
cherrybark oak; swamp	3	Quercus pagoda	Medium	0	0	0	New Habitat	New Habitat	3.9	Absent	New Habitat	New Habitat	0	0	0.9	0	1	71
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	1.41	72
post oak	3	Quercus stellata	High	0	0	0	New Habitat	New Habitat	5.7	Absent	New Habitat	New Habitat	0	0	1	0	4	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	0.3	0	1.55	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
chokecherry	0	Prunus virginiana	FIA Only	4.8	2.8	6.8	Unknown	Unknown	3.8	Common	FIA Only	FIA Only	78.4	84.5	84.5	0	0	77
butternut	0	Juglans cinerea	FIA Only	1.9	2.3	1.1	Unknown	Unknown	2.3	Rare	FIA Only	FIA Only	6.7	55.3	73	NA	NA	78
Norway spruce	0	Picea abies	FIA Only	16.6	6.2	24.6	Unknown	Unknown	NA	Common	NNIS	NNIS	NA	NA	NA	NA	NA	79
Scotch pine	0	Pinus sylvestris	FIA Only	18.7	15.2	77.5	Unknown	Unknown	NA	Abundant	NNIS	NNIS	NA	NA	NA	NA	NA	80