

FOREST WINNERS AND LOSERS – HIGHER EMISSIONS (A1F1 SCENARIO)



WINNERS

Substantial Increases

American elm
 American hornbeam
 Bitternut hickory
 Black locust
 Black oak
 Black walnut
 Black willow
 Boxelder
 Eastern cottonwood
 Eastern redbud
 Hackberry
 Red mulberry
 River birch
 Shagbark hickory
 Silver maple
 Slippery elm
 White oak
 Wild plum

Smaller Increases

American basswood
 American beech
 Black cherry
 Bur oak
 Eastern hophornbeam
 Swamp white oak
 White ash



LOSERS

Substantial Declines

Balsam fir
 Black spruce
 Butternut
 Chokecherry
 Mountain maple
 Paper birch
 Pin cherry
 Quaking aspen
 White spruce
 Yellow birch

Smaller Declines

Black ash
 Eastern white pine
 Jack pine
 Northern white-cedar
 Sugar maple
 Tamarack



LITTLE CHANGE

Green ash
 Northern red oak
 Red pine



NOT SURE

Balsam poplar
 Bigtooth aspen
 Eastern hemlock
 Northern pin oak
 Red maple



NEW COMERS

Black hickory
 Blackgum
 Blackjack oak
 Chestnut oak
 Chinkapin oak
 Common persimmon
 Eastern redcedar
 Flowering dogwood
 Gray birch
 Honeylocust
 Hickory
 Northern catalpa
 Ohio buckeye
 Osage-orange
 Pin oak
 Post oak
 Sassafras
 Scarlet oak
 Shingle oak
 Sugarberry
 Sweet birch
 Sweetgum
 Sycamore
 Yellow-poplar