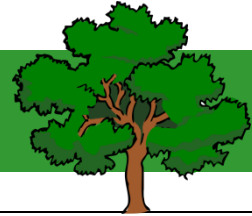


**Jeanne M. Kavinski, CTE, CF, LLC**



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August 27, 2018

The Board of Directors  
Derwood Station Homeowners Association, No. 2  
Derwood, MD 20855

**RE: Derwood Station Homeowners Association #2 2018 Tree Inventory Report**

Thank you for the opportunity to inventory the Common Area trees within Derwood Station Homeowners Association #2. The inventory was completed primarily during the dormant season of early 2018.

This cover letter report accompanies the Excel spreadsheet database emailed to Gary Palmer with the completed inventory and associated recommendations for each tree in the Common Areas 1 through 13.

During this initial inventory, it was obvious that several trees were experiencing stress and appeared to be in very poor condition. For example, a white pine, #40 in Common Area #8, displayed signs of needle loss, which was of concern. The tree has produced new growth and is currently in good condition. Similarly, an American sycamore in Common Area #2, had been previously uprooted and experienced significant dieback. Following two subsequent visits to the tree, removing the tree is not a necessity; however, the tree requires a leader to be trained and structural pruning as well as removing sprouts from the lower stem.

The species distribution is depicted on the following page.

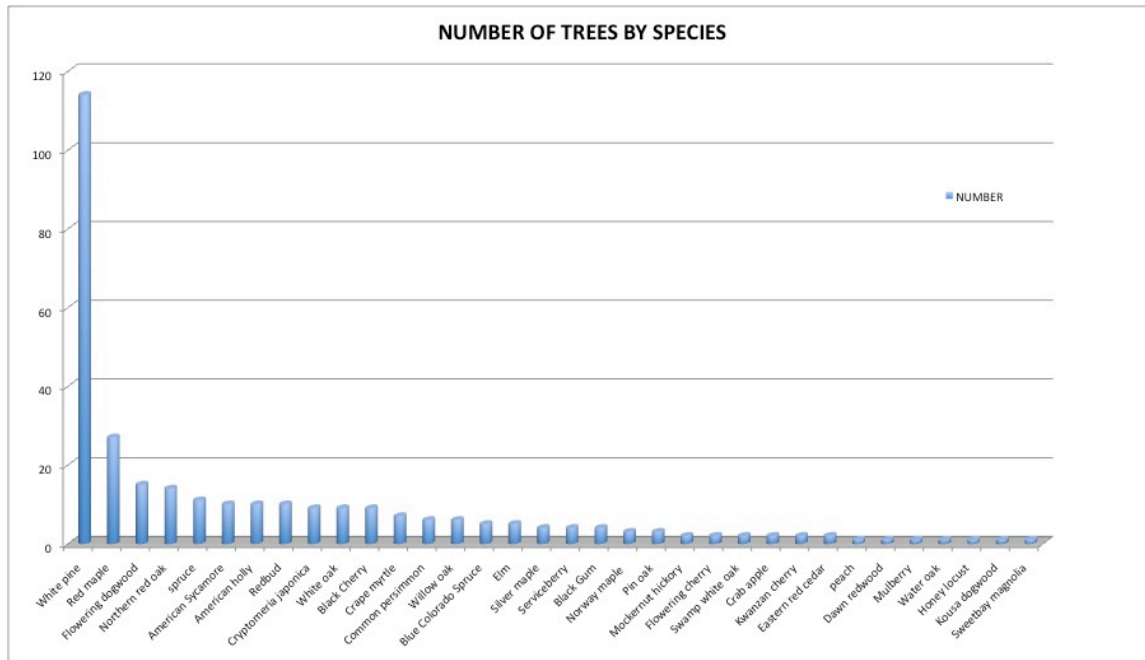


Figure 1. Species Distribution for Derwood Station Homeowners Association Number 2.

It is very obvious from Figure 1., that there is an abundance of white pines due to the windbreak/screen in Common Area #12. Common Area #12's primary species composition is white pine, with American sycamore and silver maples at the junction with Common Area #13. Two of these white pines are less than one foot from the homeowner's fence and therefore, removal is recommended. As these white pines are also located adjacent and uphill from a commercial business parking lot, those pines, which are leaning, are included as recommended removals.

Some screening suggestions for Common Area #12 are American holly and Arborvitae such as Green Giant. Penn State has some suggestions regarding planting so as to create a diverse species population and rapid results for the desired screening/windbreak. <https://extension.psu.edu/using-trees-and-shrubs-for-privacy-and-wind-screening>

Tables follow the main report with additional suggestions for the windbreak/screening for Common Area #12 and the remaining common areas.

The tree condition distribution in decreasing vigor is 156 good trees, 117 fair trees, 29 poor trees, and 5 dead or dying trees. There are 41 recommended removals, of which there are 23 Priority #1's, 7 Priority #2's and 11 Priority #3's.

The summary table for the species distribution follows:

SPECIES	NUMBER
White pine	114
Red maple	27
Flowering dogwood	15
Northern red oak	14
Spruce, including Norway	11
American Sycamore	10
American holly	10
Redbud	10
Cryptomeria japonica	9
White oak	9
Black Cherry	9
Crape myrtle	7
Common persimmon	6
Willow oak	6
Blue Colorado Spruce	5
Elm	5
Silver maple	4
Serviceberry	4
Black Gum	4
Norway maple	3
Pin oak	3
Mockernut hickory	2
Flowering cherry	2
Swamp white oak	2
Crab apple	2
Kwanzan cherry	2
Eastern red cedar	2
Peach	1
Dawn redwood	1
Mulberry	1
Water oak	1
Honey locust	1
Kousa dogwood	1
Sweetbay magnolia	1

Table 1. Tree Inventory Species Distribution Derwood Station HOA Number 2.

Suggested native species for the common areas are listed in Table 2 and Table 3:

SUGGESTIONS FOR SCREENING/WINDBREAK			
<b>Genus/Species</b>	<b>Common Name</b>	<b>Evergreen or Deciduous</b>	<b>Windbreak or Screen</b>
TREES			
Abies concolor	Concolor Fir	E	Both
Hammamelis virginiana	Hawthorn	D	Screen
Cryptomeria japonica	Japanese Cryptomeria	E	Screen
Ilex opaca	American holly	E	Screen
Juniperus virginiana	Eastern red cedar	E	Both
Pinus rigida	Pitch pine	E	Both
Arborvitae		E	Both
Tsuga	Canadian hemlock	E	Screen
SHRUBS			
Aesculus parviflora	Bottlebrush buckeye	D	Screen
Rhododendron		E	Screen
Rhus copallina	Flameleaf shining sumac	D	Screen
Viburnum dentatum	Arrowwood viburnum	D	Screen
Clethra alnifolia	Summersweet	D	Screen
<a href="https://extension.psu.edu/using-trees-and-shrubs-for-privacy-and-wind-screening">https://extension.psu.edu/using-trees-and-shrubs-for-privacy-and-wind-screening</a>			

Table 2. Penn State Extension species suggestions for windbreaks and screening.

In Table 3. are species, which I suggest, will provide a diverse species composition.

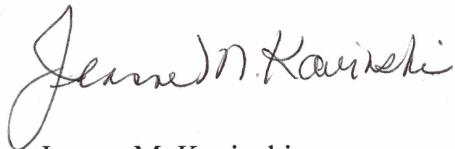
#### ADDITIONAL SPECIES SUGGESTIONS

<b>Genus/Species</b>	<b>Common Name</b>
Carpinus caroliniana	American hornbeam
Carya glabra	Pignut hickory
Carya illinoensis	Pecan
Celtis occidentalis	Hackberry
Fagus grandifolia	American Beech
Liquidambar styraciflua, and var rotundiloba	Sweetgum
Nyssa sylvatica	Black gum
Pinus virginiana	Virginia pine
Platanus occidentalis	American sycamore
Quercus falcata	Southern red oak
Quercus nigra	Water oak
Quercus phellos	Willow oak
Quercus macrocarpa	Bur oak
	Black oak for wet areas
Quercus velutina	
Viburnum trilobum	Cranberry viburnum

Table 3. Species suggestions for diversity.

Please contact me with any questions. I look forward to future endeavors with Derwood Station Homeowners Association Number 2.

Respectfully submitted,



Jeanne M. Kavinski  
Owner, Jeanne M. Kavinski CTE CF LLC