# Woody Plants

For life history, mention common canopy positions - information from Ramage et al. 2017 - dominant canopy are *Liriondendron tulipifera* (tulip poplar), *Carya* spp., *Quercus* spp., *Fraxinus americana* (white ash), *Nyssa sylvatica* (black gum)

## Adoxaceae

### *Sambucus canadensis* (L.) R. Bolli American Black Elderberry

Life history (information will be added by Michael)

Leaf traits (written about or scanned and labeled)

Annual Recruitment and Mortality  
# of trees (stems) in 2013 and 2018:  
5-year mortality of trees (stems):  
new tree recuitment:  
max DBH in sample:  
mean DBH in sample:

Graph of recruiment and mortality  
{r echo=false}  
hist()

Graph of species range and distribution

Graph of species range and distribution within the plot (plot location)

Picture of tree cores (with a small blurb)

### *Viburnum acerifolium* L. Mapleleaf Viburnum

Life history (information will be added by Michael)

Leaf traits (written about or scanned and labeled)

Annual Recruitment and Mortality  
# of trees (stems) in 2013 and 2018:  
5-year mortality of trees (stems):  
new tree recuitment:  
max DBH in sample:  
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Graph of recruiment and mortality  
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### *Viburnum prunifolium* L. Black Haw

Life history (information will be added by Michael)

Leaf traits (written about or scanned and labeled)

Annual Recruitment and Mortality  
# of trees (stems) in 2013 and 2018:  
5-year mortality of trees (stems):  
new tree recuitment:  
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Picture of tree cores (with a small blurb)

### *Viburnum recognitum* Fernald Southern Arrow-wood

Life history (information will be added by Michael)  
\*\*\*also known as \*Virburnum dentatum\* L.\*\*\*

Leaf traits (written about or scanned and labeled)

Annual Recruitment and Mortality  
# of trees (stems) in 2013 and 2018:  
5-year mortality of trees (stems):  
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## Annonaceae

### *Asimina triloba* (L.) Dunal Pawpaw

Life history (information will be added by Michael)

Leaf traits (written about or scanned and labeled)

Annual Recruitment and Mortality  
# of trees (stems) in 2013 and 2018:  
5-year mortality of trees (stems):  
new tree recuitment:  
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## Aquifoliaceae

### *Ilex verticillata* (L.) A. Gray Common Winterberry

Life history (information will be added by Michael)

Leaf traits (written about or scanned and labeled)

Annual Recruitment and Mortality  
# of trees (stems) in 2013 and 2018:  
5-year mortality of trees (stems):  
new tree recuitment:  
max DBH in sample:  
mean DBH in sample:

Graph of recruiment and mortality  
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Picture of tree cores (with a small blurb)

## Berberidaceae

### *Berberis thunbergii* DC. Japanese Barberry

Life history (information will be added by Michael)

Leaf traits (written about or scanned and labeled)

Annual Recruitment and Mortality  
# of trees (stems) in 2013 and 2018:  
5-year mortality of trees (stems):  
new tree recuitment:  
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Graph of recruiment and mortality  
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Graph of species range and distribution

Graph of species range and distribution within the plot (plot location)

Picture of tree cores (with a small blurb)

## Betulaceae

### *Carpinus caroliniana* Walt. American Hornbeam

Life history (information will be added by Michael)

Leaf traits (written about or scanned and labeled)

Annual Recruitment and Mortality  
# of trees (stems) in 2013 and 2018:  
5-year mortality of trees (stems):  
new tree recuitment:  
max DBH in sample:  
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Picture of tree cores (with a small blurb)

### *Corylus americana* Walt. American Hazelnut

Life history (information will be added by Michael)

Leaf traits (written about or scanned and labeled)

Annual Recruitment and Mortality  
# of trees (stems) in 2013 and 2018:  
5-year mortality of trees (stems):  
new tree recuitment:  
max DBH in sample:  
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Graph of species range and distribution

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Picture of tree cores (with a small blurb)

## Cannabaceae

### *Celtis occidentalis* L. Hackberry

Life history (information will be added by Michael)

Leaf traits (written about or scanned and labeled)

Annual Recruitment and Mortality  
# of trees (stems) in 2013 and 2018:  
5-year mortality of trees (stems):  
new tree recuitment:  
max DBH in sample:  
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Picture of tree cores (with a small blurb)

## Caprifoliaceae

### *Lonicera maackii* (Rupr.) Maxim Bush Honeysuckle

Life history (information will be added by Michael)

Leaf traits (written about or scanned and labeled)

Annual Recruitment and Mortality  
# of trees (stems) in 2013 and 2018:  
5-year mortality of trees (stems):  
new tree recuitment:  
max DBH in sample:  
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## Celastracea

### *Euonymus alatus* (Thunb.) Sieb. Burning Bush

Life history (information will be added by Michael)  
\*\*Species is also known as Winged Euonymus.\*\*

Leaf traits (written about or scanned and labeled)

Annual Recruitment and Mortality  
# of trees (stems) in 2013 and 2018:  
5-year mortality of trees (stems):  
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## Cornaceae

### *Cornus alternifolia* L. f. Alternate Leaf Dogwood

Life history (information will be added by Michael)

Leaf traits (written about or scanned and labeled)

Annual Recruitment and Mortality  
# of trees (stems) in 2013 and 2018:  
5-year mortality of trees (stems):  
new tree recuitment:  
max DBH in sample:  
mean DBH in sample:

Graph of recruiment and mortality  
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### *Cornus florida* L. Flowering Dogwood

Life history (information will be added by Michael)

Leaf traits (written about or scanned and labeled)

Annual Recruitment and Mortality  
# of trees (stems) in 2013 and 2018:  
5-year mortality of trees (stems):  
new tree recuitment:  
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## Ebenaceae

### *Diospyros virginiana* L. Persimmon

Life history (information will be added by Michael)

Leaf traits (written about or scanned and labeled)

Annual Recruitment and Mortality  
# of trees (stems) in 2013 and 2018:  
5-year mortality of trees (stems):  
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Picture of tree cores (with a small blurb)

## Elaeagnaceae

### *Elaeagnus umbellata* Thunb. Autumn Olive

Life history (information will be added by Michael)

Leaf traits (written about or scanned and labeled)

Annual Recruitment and Mortality  
# of trees (stems) in 2013 and 2018:  
5-year mortality of trees (stems):  
new tree recuitment:  
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Picture of tree cores (with a small blurb)

## Fabaceae

### *Cercis canadensis* L. Eastern Redbud

Life history (information will be added by Michael)

Leaf traits (written about or scanned and labeled)

Annual Recruitment and Mortality  
# of trees (stems) in 2013 and 2018:  
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Picture of tree cores (with a small blurb)

### *Robinia pseudoacacia* L. Black Locust

Life history (information will be added by Michael)

Leaf traits (written about or scanned and labeled)

Annual Recruitment and Mortality  
# of trees (stems) in 2013 and 2018:  
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Picture of tree cores (with a small blurb)

## Fagaceae

### *Castanea dentata* (Marsh.) Borkh. American Chestnut

Life history (information will be added by Michael)

Leaf traits (written about or scanned and labeled)

Annual Recruitment and Mortality  
# of trees (stems) in 2013 and 2018:  
5-year mortality of trees (stems):  
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Picture of tree cores (with a small blurb)

### *Fagus grandifolia* Ehrh. American Beech

Life history (information will be added by Michael)

Leaf traits (written about or scanned and labeled)

Annual Recruitment and Mortality  
# of trees (stems) in 2013 and 2018:  
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new tree recuitment:  
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Picture of tree cores (with a small blurb)

### *Quercus alba* L. White Oak

Life history (information will be added by Michael)

Leaf traits (written about or scanned and labeled)

Annual Recruitment and Mortality  
# of trees (stems) in 2013 and 2018:  
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Picture of tree cores (with a small blurb)

### *Quercus coccinea* Muenchh. Scarlet Oak

Life history (information will be added by Michael)

Leaf traits (written about or scanned and labeled)

Annual Recruitment and Mortality  
# of trees (stems) in 2013 and 2018:  
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Picture of tree cores (with a small blurb)

### *Quercus falcata* Michx. Southern Red Oak

Life history (information will be added by Michael)

Leaf traits (written about or scanned and labeled)

Annual Recruitment and Mortality  
# of trees (stems) in 2013 and 2018:  
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Picture of tree cores (with a small blurb)

### *Quercus michauxii* Nutt. Swamp Chestnut Oak

Life history (information will be added by Michael)

Leaf traits (written about or scanned and labeled)

Annual Recruitment and Mortality  
# of trees (stems) in 2013 and 2018:  
5-year mortality of trees (stems):  
new tree recuitment:  
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mean DBH in sample:

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Picture of tree cores (with a small blurb)

### *Quercus muehlenbergii* Engelm. Chinkapin Oak

Life history (information will be added by Michael)

Leaf traits (written about or scanned and labeled)

Annual Recruitment and Mortality  
# of trees (stems) in 2013 and 2018:  
5-year mortality of trees (stems):  
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Picture of tree cores (with a small blurb)

### *Quercus montana* Willd. Chestnut Oak

**Formally known as *Quercus prinus* L.**

Life history (information will be added by Michael)

Leaf traits (written about or scanned and labeled)

Annual Recruitment and Mortality  
# of trees (stems) in 2013 and 2018:  
5-year mortality of trees (stems):  
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max DBH in sample:  
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Picture of tree cores (with a small blurb)

### *Quercus rubra* L. Northern Red Oak

Life history (information will be added by Michael)

Leaf traits (written about or scanned and labeled)

Annual Recruitment and Mortality  
# of trees (stems) in 2013 and 2018:  
5-year mortality of trees (stems):  
new tree recuitment:  
max DBH in sample:  
mean DBH in sample:

Graph of recruiment and mortality  
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hist()

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Picture of tree cores (with a small blurb)

### *Quercus velutina* Lam. Black Oak

Life history (information will be added by Michael)

Leaf traits (written about or scanned and labeled)

Annual Recruitment and Mortality  
# of trees (stems) in 2013 and 2018:  
5-year mortality of trees (stems):  
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Graph of recruiment and mortality  
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Graph of species range and distribution

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Picture of tree cores (with a small blurb)

## Hamamelidaceae

### *Hamamelis virginiana* L. var. virginiana Witch Hazel

Life history (information will be added by Michael)

Leaf traits (written about or scanned and labeled)

Annual Recruitment and Mortality  
# of trees (stems) in 2013 and 2018:  
5-year mortality of trees (stems):  
new tree recuitment:  
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Graph of recruiment and mortality  
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hist()

Graph of species range and distribution

Graph of species range and distribution within the plot (plot location)

Picture of tree cores (with a small blurb)

## Juglandaceae

### *Carya cordiformis* (Wangenh.) K. Koch Bitternut Hickory

Life history (information will be added by Michael)

Leaf traits (written about or scanned and labeled)

Annual Recruitment and Mortality  
# of trees (stems) in 2013 and 2018:  
5-year mortality of trees (stems):  
new tree recuitment:  
max DBH in sample:  
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Graph of recruiment and mortality  
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Picture of tree cores (with a small blurb)

### *Carya glabra* (P. Mill.) Pignut Hickory

Life history (information will be added by Michael)

Leaf traits (written about or scanned and labeled)

Annual Recruitment and Mortality  
# of trees (stems) in 2013 and 2018:  
5-year mortality of trees (stems):  
new tree recuitment:  
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Picture of tree cores (with a small blurb)

### *Carya ovalis* (Wangenh.) Sarg. Red Hickory

Life history (information will be added by Michael)

Leaf traits (written about or scanned and labeled)

Annual Recruitment and Mortality  
# of trees (stems) in 2013 and 2018:  
5-year mortality of trees (stems):  
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Picture of tree cores (with a small blurb)

### *Carya tomentosa* (Lam. ex Pior.) Nutt. Mockernut Hickory

Life history (information will be added by Michael)

Leaf traits (written about or scanned and labeled)

Annual Recruitment and Mortality  
# of trees (stems) in 2013 and 2018:  
5-year mortality of trees (stems):  
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Graph of recruiment and mortality  
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Picture of tree cores (with a small blurb)

### *Juglans cinerea* L. Butternut

Life history (information will be added by Michael)

Leaf traits (written about or scanned and labeled)

Annual Recruitment and Mortality  
# of trees (stems) in 2013 and 2018:  
5-year mortality of trees (stems):  
new tree recuitment:  
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Graph of recruiment and mortality  
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hist()

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Picture of tree cores (with a small blurb)

### *Juglans nigra* L. Black Walnut

Life history (information will be added by Michael)

Leaf traits (written about or scanned and labeled)

Annual Recruitment and Mortality  
# of trees (stems) in 2013 and 2018:  
5-year mortality of trees (stems):  
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Picture of tree cores (with a small blurb)

## Lauraceae

### *Lindera benzoin* (L.) Blume Spicebush

Life history (information will be added by Michael)

Leaf traits (written about or scanned and labeled)

Annual Recruitment and Mortality  
# of trees (stems) in 2013 and 2018:  
5-year mortality of trees (stems):  
new tree recuitment:  
max DBH in sample:  
mean DBH in sample:

Graph of recruiment and mortality  
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hist()

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Picture of tree cores (with a small blurb)

### *Sassafras albidum* (Nutt.) Nees Sassafras

Life history (information will be added by Michael)

Leaf traits (written about or scanned and labeled)

Annual Recruitment and Mortality  
# of trees (stems) in 2013 and 2018:  
5-year mortality of trees (stems):  
new tree recuitment:  
max DBH in sample:  
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Graph of recruiment and mortality  
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hist()

Graph of species range and distribution

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Picture of tree cores (with a small blurb)

## Magnoliaceae

### *Liriodendron tulipifera* L. Tulip Poplar

Life history (information will be added by Michael)

Leaf traits (written about or scanned and labeled)

Annual Recruitment and Mortality  
# of trees (stems) in 2013 and 2018:  
5-year mortality of trees (stems):  
new tree recuitment:  
max DBH in sample:  
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Graph of recruiment and mortality  
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hist()

Graph of species range and distribution

Graph of species range and distribution within the plot (plot location)

Picture of tree cores (with a small blurb) ## Malvaceae ### *Tilia americana* L. Basswood

Life history (information will be added by Michael)

Leaf traits (written about or scanned and labeled)

Annual Recruitment and Mortality  
# of trees (stems) in 2013 and 2018:  
5-year mortality of trees (stems):  
new tree recuitment:  
max DBH in sample:  
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Graph of recruiment and mortality  
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hist()

Graph of species range and distribution

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Picture of tree cores (with a small blurb)

## Nyssaceae

### *Nyssa sylvatica* Marsh. Black Gum

Life history (information will be added by Michael)

Leaf traits (written about or scanned and labeled)

Annual Recruitment and Mortality  
# of trees (stems) in 2013 and 2018:  
5-year mortality of trees (stems):  
new tree recuitment:  
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Graph of recruiment and mortality  
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Picture of tree cores (with a small blurb)

## Oleaceae

### *Chionanthus virginicus* L. Fringe Tree

Life history (information will be added by Michael)

Leaf traits (written about or scanned and labeled)

Annual Recruitment and Mortality  
# of trees (stems) in 2013 and 2018:  
5-year mortality of trees (stems):  
new tree recuitment:  
max DBH in sample:  
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Graph of recruiment and mortality  
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hist()

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Picture of tree cores (with a small blurb)

### *Fraxinus americana* L. White Ash

Life history (information will be added by Michael)

Leaf traits (written about or scanned and labeled)

Annual Recruitment and Mortality  
# of trees (stems) in 2013 and 2018:  
5-year mortality of trees (stems):  
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Picture of tree cores (with a small blurb)

### *Fraxinus nigra* Marsh. Black Ash

Life history (information will be added by Michael)

Leaf traits (written about or scanned and labeled)

Annual Recruitment and Mortality  
# of trees (stems) in 2013 and 2018:  
5-year mortality of trees (stems):  
new tree recuitment:  
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Picture of tree cores (with a small blurb)

### *Fraxinus pennsylvanica* Marsh. Green Ash

Life history (information will be added by Michael)

Leaf traits (written about or scanned and labeled)

Annual Recruitment and Mortality  
# of trees (stems) in 2013 and 2018:  
5-year mortality of trees (stems):  
new tree recuitment:  
max DBH in sample:  
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Picture of tree cores (with a small blurb)

## Paulowniaceae

### *Paulownia tomentosa* (Thunb.) Sieb. & Zucc. ex Steud. Princess Tree

Life history (information will be added by Michael)

Leaf traits (written about or scanned and labeled)

Annual Recruitment and Mortality  
# of trees (stems) in 2013 and 2018:  
5-year mortality of trees (stems):  
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Graph of recruiment and mortality  
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Picture of tree cores (with a small blurb)

## Pinaceae

### *Pinus pungens* Lamb. Table Mountain Pine

Life history (information will be added by Michael)

Leaf traits (written about or scanned and labeled)

Annual Recruitment and Mortality  
# of trees (stems) in 2013 and 2018:  
5-year mortality of trees (stems):  
new tree recuitment:  
max DBH in sample:  
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Graph of recruiment and mortality  
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Picture of tree cores (with a small blurb)

### *Pinus strobus* L. Eastern White Pine

Life history (information will be added by Michael)

Leaf traits (written about or scanned and labeled)

Annual Recruitment and Mortality  
# of trees (stems) in 2013 and 2018:  
5-year mortality of trees (stems):  
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Picture of tree cores (with a small blurb)

### *Pinus virginiana* P. Mill. Virginia Pine

Life history (information will be added by Michael)

Leaf traits (written about or scanned and labeled)

Annual Recruitment and Mortality  
# of trees (stems) in 2013 and 2018:  
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Graph of species range and distribution

Graph of species range and distribution within the plot (plot location)

Picture of tree cores (with a small blurb)

## Platanaceae

### *Platanus occidentalis* L. American Sycamore

Life history (information will be added by Michael)

Leaf traits (written about or scanned and labeled)

Annual Recruitment and Mortality  
# of trees (stems) in 2013 and 2018:  
5-year mortality of trees (stems):  
new tree recuitment:  
max DBH in sample:  
mean DBH in sample:

Graph of recruiment and mortality  
{r echo=false}  
hist()

Graph of species range and distribution

Graph of species range and distribution within the plot (plot location)

Picture of tree cores (with a small blurb)

## Rosaceae

### *Amelanchier arborea* (Michx. f.) Fern. Downy Serviceberry

Life history (information will be added by Michael)

Leaf traits (written about or scanned and labeled)

Annual Recruitment and Mortality  
# of trees (stems) in 2013 and 2018:  
5-year mortality of trees (stems):  
new tree recuitment:  
max DBH in sample:  
mean DBH in sample:

Graph of recruiment and mortality  
{r echo=false}  
hist()

Graph of species range and distribution

Graph of species range and distribution within the plot (plot location)

Picture of tree cores (with a small blurb)

### *Crataegus pruniosa* (Waxyfruit hawthorn)

Life history (information will be added by Michael)

Leaf traits (written about or scanned and labeled)

Annual Recruitment and Mortality  
# of trees (stems) in 2013 and 2018:  
5-year mortality of trees (stems):  
new tree recuitment:  
max DBH in sample:  
mean DBH in sample:

Graph of recruiment and mortality  
{r echo=false}  
hist()

Graph of species range and distribution

Graph of species range and distribution within the plot (plot location)

Picture of tree cores (with a small blurb)

### *Prunus avium* (L.) L. Sweet cherry

Life history (information will be added by Michael)  
\*\*Also known by common name Bird Cherry\*\*

Leaf traits (written about or scanned and labeled)

Annual Recruitment and Mortality  
# of trees (stems) in 2013 and 2018:  
5-year mortality of trees (stems):  
new tree recuitment:  
max DBH in sample:  
mean DBH in sample:

Graph of recruiment and mortality  
{r echo=false}  
hist()

Graph of species range and distribution

Graph of species range and distribution within the plot (plot location)

Picture of tree cores (with a small blurb)

### *Prunus persica* (L.) Batsch Peach

Life history (information will be added by Michael)

Leaf traits (written about or scanned and labeled)

Annual Recruitment and Mortality  
# of trees (stems) in 2013 and 2018:  
5-year mortality of trees (stems):  
new tree recuitment:  
max DBH in sample:  
mean DBH in sample:

Graph of recruiment and mortality  
{r echo=false}  
hist()

Graph of species range and distribution

Graph of species range and distribution within the plot (plot location)

Picture of tree cores (with a small blurb)

### *Prunus serotina* Ehrh. var serotina Black Cherry

Life history (information will be added by Michael)  
\*\*Common name is also Wild Black Cherry.\*\*

Leaf traits (written about or scanned and labeled)

Annual Recruitment and Mortality  
# of trees (stems) in 2013 and 2018:  
5-year mortality of trees (stems):  
new tree recuitment:  
max DBH in sample:  
mean DBH in sample:

Graph of recruiment and mortality  
{r echo=false}  
hist()

Graph of species range and distribution

Graph of species range and distribution within the plot (plot location)

Picture of tree cores (with a small blurb)

### *Rosa multiflora* Thunb. ex Murr. Multiflora Rose

Life history (information will be added by Michael)

Leaf traits (written about or scanned and labeled)

Annual Recruitment and Mortality  
# of trees (stems) in 2013 and 2018:  
5-year mortality of trees (stems):  
new tree recuitment:  
max DBH in sample:  
mean DBH in sample:

Graph of recruiment and mortality  
{r echo=false}  
hist()

Graph of species range and distribution

Graph of species range and distribution within the plot (plot location)

Picture of tree cores (with a small blurb)

### *Rubus allegheniensis* Porter Allegheny Blackberry

Life history (information will be added by Michael)

Leaf traits (written about or scanned and labeled)

Annual Recruitment and Mortality  
# of trees (stems) in 2013 and 2018:  
5-year mortality of trees (stems):  
new tree recuitment:  
max DBH in sample:  
mean DBH in sample:

Graph of recruiment and mortality  
{r echo=false}  
hist()

Graph of species range and distribution

Graph of species range and distribution within the plot (plot location)

Picture of tree cores (with a small blurb)

### *Rubus pensilvanicus* Poir. Pennsylvania Blackberry

Life history (information will be added by Michael)  
\*\*This plant is also affectionally known as Prickly Blackberry.\*\*

Leaf traits (written about or scanned and labeled)

Annual Recruitment and Mortality  
# of trees (stems) in 2013 and 2018:  
5-year mortality of trees (stems):  
new tree recuitment:  
max DBH in sample:  
mean DBH in sample:

Graph of recruiment and mortality  
{r echo=false}  
hist()

Graph of species range and distribution

Graph of species range and distribution within the plot (plot location)

Picture of tree cores (with a small blurb)

*Rubus phoenicolasius* Maxim. Wineberry

Life history (information will be added by Michael)

Leaf traits (written about or scanned and labeled)

Annual Recruitment and Mortality  
# of trees (stems) in 2013 and 2018:  
5-year mortality of trees (stems):  
new tree recuitment:  
max DBH in sample:  
mean DBH in sample:

Graph of recruiment and mortality  
{r echo=false}  
hist()

Graph of species range and distribution

Graph of species range and distribution within the plot (plot location)

Picture of tree cores (with a small blurb)

## Sapindaceae

### *Acer negundo* L. var negundo Boxelder

Life history (information will be added by Michael)  
\*\*Second common name is Eastern Boxelder.\*\*

Leaf traits (written about or scanned and labeled)

Annual Recruitment and Mortality  
# of trees (stems) in 2013 and 2018:  
5-year mortality of trees (stems):  
new tree recuitment:  
max DBH in sample:  
mean DBH in sample:

Graph of recruiment and mortality  
{r echo=false}  
hist()

Graph of species range and distribution

Graph of species range and distribution within the plot (plot location)

Picture of tree cores (with a small blurb)

### *Acer platanoides* L. Norway Maple

Life history (information will be added by Michael)

Leaf traits (written about or scanned and labeled)

Annual Recruitment and Mortality  
# of trees (stems) in 2013 and 2018:  
5-year mortality of trees (stems):  
new tree recuitment:  
max DBH in sample:  
mean DBH in sample:

Graph of recruiment and mortality  
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hist()

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Picture of tree cores (with a small blurb)

### *Acer rubrum* L. Red Maple

Life history (information will be added by Michael)

Leaf traits (written about or scanned and labeled)

Annual Recruitment and Mortality  
# of trees (stems) in 2013 and 2018:  
5-year mortality of trees (stems):  
new tree recuitment:  
max DBH in sample:  
mean DBH in sample:

Graph of recruiment and mortality  
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hist()

Graph of species range and distribution

Graph of species range and distribution within the plot (plot location)

Picture of tree cores (with a small blurb)

## Simaroubaceae

### *Ailanthus altissima* (P. Miller) Swingle Tree of Heaven

Life history (information will be added by Michael)

Leaf traits (written about or scanned and labeled)

Annual Recruitment and Mortality  
# of trees (stems) in 2013 and 2018:  
5-year mortality of trees (stems):  
new tree recuitment:  
max DBH in sample:  
mean DBH in sample:

Graph of recruiment and mortality  
{r echo=false}  
hist()

Graph of species range and distribution

Graph of species range and distribution within the plot (plot location)

Picture of tree cores (with a small blurb)

## Ulmaceae

### *Ulmus americana* L. American Elm

Life history (information will be added by Michael)

Leaf traits (written about or scanned and labeled)

Annual Recruitment and Mortality  
# of trees (stems) in 2013 and 2018:  
5-year mortality of trees (stems):  
new tree recuitment:  
max DBH in sample:  
mean DBH in sample:

Graph of recruiment and mortality  
{r echo=false}  
hist()

Graph of species range and distribution

Graph of species range and distribution within the plot (plot location)

Picture of tree cores (with a small blurb)

### *Ulmus rubra* Muhl. Slippery Elm

Life history (information will be added by Michael)  
\*\*Species is also commonly known as Red Elm.\*\*

Leaf traits (written about or scanned and labeled)

Annual Recruitment and Mortality  
# of trees (stems) in 2013 and 2018:  
5-year mortality of trees (stems):  
new tree recuitment:  
max DBH in sample:  
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Graph of recruiment and mortality  
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