

## Vegetation for Dry Habitats

### Trees

Available at local nurseries

Tree Planting Width

Tree Branching Type

Shade Tolerance

|                                 |                   |     |   |         |               |
|---------------------------------|-------------------|-----|---|---------|---------------|
| <i>Celtis occidentalis</i>      | Common Hackberry  | Yes | A | 5 Tall  | Sun           |
| <i>Cornus florida</i>           | Flowering Dogwood | Yes | C | 6 Short | Partial/Shade |
| <i>Quercus rubra</i> (borealis) | Red Oak           | Yes | A | 3 Tall  | Sun           |

### Shrubs

|                                |                    |     |
|--------------------------------|--------------------|-----|
| <i>Hamamelis virginiana</i>    | Comon Witch Hazel  | Yes |
| <i>Kalmia latifolia</i>        | Mountain Laurel    | Yes |
| <i>Vaccinium angustifolium</i> | Lowbush Blueberry  | Yes |
| <i>Vaccinium corymbosum</i>    | Highbush Blueberry | Yes |
| <i>Viburnum acerifolium</i>    | Oak Viburnum       | Yes |
| <i>Viburnum prunifolium</i>    | Blackhaw Viburnum  | Yes |

## Vegetation for Moist Habitats

### Trees

Available at local nurseries

Tree Planting Width

Tree Branching Type

Shade Tolerance

|                          |                        |     |   |         |               |
|--------------------------|------------------------|-----|---|---------|---------------|
| Acer rubrum              | Red Maple              | Yes | A | 4 Tall  | Sun/Shade     |
| Acer saccharum           | Sugar Maple            | Yes | A | 3 Tall  | Sun/Partial   |
| Amelanchier canadensis   | Shadblow, Serviceberry | Yes | C | 3 Short | Sun           |
| Carpinus caroliniana     | American Hornbeam      | Yes | B | 4 Short | Partial/Shade |
| Celtis occidentalis      | Common Hackberry       | Yes | A | 5 Tall  | Sun           |
| Cornus florida           | Flowering Dogwood      | Yes | C | 6 Short | Partial/Shade |
| Quercus bicolor          | Swamp White Oak        | Yes | A | 3 Tall  | Sun           |
| Quercus palustris        | Pin Oak                | Yes | A | 2 Tall  | Sun           |
| Quercus rubra (borealis) | Red Oak                | Yes | A | 4 Tall  | Sun           |

### Shrubs

|                    |                  |     |
|--------------------|------------------|-----|
| Aronia arbutifolia | Red Chokeberry   | Yes |
| Clethra alnifolia  | Sweet Pepperbush | Yes |
| Kalmia latifolia   | Mountain Laurel  | Yes |
| Lindera benzoin    | Spicebush        | Yes |

|                      |                    |     |
|----------------------|--------------------|-----|
| Vaccinium corymbosum | Highbush Blueberry | Yes |
| Viburnum acerifolium | Oak Viburnum       | Yes |
| Viburnum dentatum    | Arrowwood          | Yes |
| Viburnum prunifolium | Blackhaw Viburnum  | Yes |

## **Vegetation for Wet Habitats**

Available at local nurseries

Tree Planting Width

Tree Branching Type

Shade Tolerance

### **A. Wet Places**

#### **Trees**

|                         |                        |     |   |          |           |
|-------------------------|------------------------|-----|---|----------|-----------|
| Acer rubrum             | Red Maple              | Yes | A | 4 Tall   | Sun/Shade |
| Amelanchier canadensis  | Shadblow, Serviceberry | Yes | C | 3 Short  | Sun       |
| Betula nigra            | River Birch            | Yes | B | 6 Medium | Sun       |
| Liquidambar styraciflua | Sweetgum               | Yes | A | 3 Tall   | Sun       |
| Magnolia virginiana     | Sweetbay Magnolia      | Yes | B | 3 Medium | Sun       |
| Quercus bicolor         | Swamp White Oak        | Yes | A | 3 Tall   | Sun       |
| Quercus palustris       | Pin Oak                | Yes | A | 2 Tall   | Sun       |

#### **Shrubs**

|                    |                |     |
|--------------------|----------------|-----|
| Aronia arbutifolia | Red Chokeberry | Yes |
| Ilex glabra        | Inkberry       | Yes |

|                          |                    |     |
|--------------------------|--------------------|-----|
| <i>Ilex verticillata</i> | Winterberry        | Yes |
| <i>Lindera benzoin</i>   | Spicebush          | Yes |
| <i>Viburnum dentatum</i> | Arrowwood Viburnum | Yes |

## **Invasive Plant Species of New Jersey**

### **Trees**

Black Locust - *Robinia pseudoacacia*  
Norway Maple - *Acer platanoides*  
Tree of Heaven - *Alianthus altissima*

### **Shrubs**

Alder Buckthorn - *R. frangula*  
Autumn Olive - *Elaeagnus angustifolia*  
Buckthorn - *Rhamnus cartharticus*  
Butterfly Bush - *Buddleia davidii*  
Japanese Barberry - *Berberis thunbergii*  
Multiflora Rose - *Rosa multiflora*  
Russian Olive - *Elaeagnus angustifolia*

### **Vines**

English Ivy - *Hedera helix*  
Japanese Honeysuckle - *Lonicera japonica*  
Asian Bittersweet - *Celastrus orbiculatus*

### **Herbaceous**

Chickory - *Cichorium intybus*

Crown Vetch - *Coronilla varia*  
Curly Dock - *Rumex crispus*  
Dane's Rocket - *Hesperis matronalis*  
English Plantain - *Plantago lanceolata*  
Garlic Mustard - *Alliaria petiolata*  
Gill-Over-The-Ground - *Glechoma hederacea*  
Japanese Knotweed - *Polygonium cuspidatum*  
Mugwort - *Artemisia vulgaris*  
Musk Mallow - *Malva moschata*  
Purple Loosestrife - *Lythrum salicaria*  
Red Clover - *Trifolium pratense*  
White Clover - *T. repens*  
White Sweet Clover - *Melilotus alba*  
Wild Carrot - *Daucus carota*  
Yarrow - *Achillea millefolium*

### **Grasses**

Bamboo - *Arundinaria*, *Bambusa*, *Dendrocalamus*  
Barnyard Grass - *Echinochloa crusgalli*  
Bermuda Grass - *Cynodon dactylon*  
Common Reed - *Phragmites australis*  
Crab Grass - *Digitaria sanguinalis*  
Day Lily - *Hemerocallis fulva*  
Field Garlic - *Allium vineale*  
Japanese Stilt Grass - *Microstegium vimineum*  
Orchard Grass - *Dactylis glomerata*

### **Tree Planting Width**

- A** Lawns > 4 ft. wide
- B** Lawns 2.5 to 4 ft. wide
- C** Lawns < 2.5 ft. wide

### **Tree Branching Types**

- 1** Columnar
- 2** Pyramidal
- 3** Broad - Upright
- 4** Broad - Oval
- 5** Vase-Shaped
- 6** Broad - Spreading

- Tall** 40 ft. and higher
- Medium** 30 to 40 ft.
- Short** 20 to 30 ft.

### **Shade Tolerance**

- Sun**
- Partial**
- Shade**