

# City of Decatur Tree Species List

| SPECIES COMMON NAME                | LATIN NAME                       | CANOPY AREA FOR DEVELOPMENT CODE |   | RECOMMENDED USES      |                       |                         |                       |              |                              |          | PHYSICAL CHARACTERISTICS          |                   |                                  |                                 |                   |                                     |                                     |           |              |                 | ENVIRONMENTAL CHARACTERISTICS AND TOLERANCES |                |                |                  |                                  |             |                   |                           |               |                   |                   |                   |                                    |
|------------------------------------|----------------------------------|----------------------------------|---|-----------------------|-----------------------|-------------------------|-----------------------|--------------|------------------------------|----------|-----------------------------------|-------------------|----------------------------------|---------------------------------|-------------------|-------------------------------------|-------------------------------------|-----------|--------------|-----------------|--|----------------|----------------|------------------|----------------------------------|-------------|-------------------|---------------------------|---------------|-------------------|-------------------|-------------------|------------------------------------|
|                                    |                                  | Square Feet of Canopy            | Parking Lot Canopy Tree Mature Canopy Size Category | Approved Level of Use | Large Landscape Areas | Road Frontages - Street | Road Frontages - Yard | Parking Lots | Plazas and Downtown Settings | Barriers | Riparian Zones and Drainage Areas | Utility Corridors | Height Class in Urban Conditions | Crown Class in Urban Conditions | Mature Crown Form | Typical Range of Mature Tree Height | Typical Range of Mature Crown Width | Leaf Type | Leaf Texture | Fall Leaf Color | Flower Color                                 | Flowering Time | Wildlife Value | Excessive Litter | Native Tree to Athens-Clarke Co. | Growth Rate | Average Life Span | Net Effect on Air Quality | Soil Moisture | Drought Tolerance | Preferred Soil pH | Light Requirement | Construction Tolerance/Limitations |
| Alder, Hazel (Tag)                 | <i>Alnus serrulata</i>           | 150                              | Very Small  | P                     | XX                    |                         |                       |              |                              |          | X                                 | S                 | VS                               | Multi-Stemmed                   | 10-20             | 10-20                               | DB                                  | M         | YE           | I               |  |                |                | Y                | F                                | S           | n/a               | W                         | M             | acidic            | FS                | G/                | X                                  |
| Ash, Green                         | <i>Fraxinus pennsylvanica</i>    | 1,600                            | Large   | N                     |                       |                         |                       |              |                              |          |                                   | L                 | L                                | Rounded                         | 60-100            | 40-50                               | DB                                  | M         | MU           | I               |  | X              |                | Y                | F                                | M           | 0.090             | W                         | H             | sl ac-sl alk      | FS                | G/                |                                    |
| Ash, White                         | <i>Fraxinus americana</i>        | 1,600                            | Large   | N                     |                       |                         |                       |              |                              |          |                                   | L                 | L                                | Rounded                         | 50-80             | 30-60                               | DB                                  | M         | MA           | I               |  | X              |                | Y                | M                                | M           | 0.100             | M                         | L             | sl ac-sl alk      | FS                | M/IS              |                                    |
| Baldcypress                        | <i>Taxodium distichum</i>        | 900                              | 2 Medium  | P                     | X                     | XX                      | X                     | IXX          | XX                           |          |                                   | L                 | IM                               | Pyramidal                       | 50-100            | 20-50                               | DC                                  | F         | BR           | I               |  | X              |                | N                | M                                | L           | 0.032             | M                         | H             | ac-sl alk         | FS                | G/                | X                                  |
| Basswood, American (Linden)        | <i>Tilia americana</i>           | 1,600                            | Large   | C                     | X                     |                         |                       |              |                              |          |                                   | M                 | L                                | Irregular                       | 60-100            | 35-50                               | DB                                  | C         | YE           | Y               | Summer                                       | X              |                | Y                | F                                | M           | 0.144             | M                         | L             | ac-alk            | PS                | P/A               |                                    |
| Beech, American                    | <i>Fagus grandifolia</i>         | 1,600                            | Large   | P                     | XX                    |                         |                       |              |                              |          |                                   | L                 | L                                | Oval                            | 80-100            | 50-70                               | DB                                  | M         | YE           | I               |  | X              |                | Y                | S                                | L           | 0.160             | M                         | L             | acidic            | FS                | P/A               |                                    |
| Birch, River                       | <i>Betula nigra</i>              | 900                              | 2 Medium  | P                     | XX                    | X                       | XX                    | IXX          | XX                           |          |                                   | M                 | IM                               | Pyramidal                       | 50-90             | 40-60                               | DB                                  | F/M       | YE           | I               |  |                |                | Y                | F                                | M           | 0.117             | M                         | L             | acidic            | PS                | G/                |                                    |
| Birch, River 'Heritage'            | <i>Betula nigra</i> 'Heritage'   | 900                              | 2 Medium  | P                     | XX                    | X                       | XX                    | IXX          | XX                           |          |                                   | M                 | M                                | Pyramidal                       | 50-90             | 40-60                               | DB                                  | F/M       | YE           | I               |  |                |                | Y                | F                                | M           | n/a               | M                         | L             | acidic            | PS                | n/a               |                                    |
| Blackgum (Tupelo)                  | <i>Nyssa sylvatica</i>           | 900                              | 2 Medium  | P                     | XX                    | X                       | XX                    | X            |                              |          |                                   | M                 | M                                | Oval                            | 50-100            | 20-35                               | DB                                  | M         | IRE          | I               |  | X              |                | Y                | S                                | M           | -0.053            | M                         | M             | sl ac-sl alk      | FS                | G/                | X                                  |
| Boxelder                           | <i>Acer negundo</i>              | 900                              | 1 Medium  | C                     | X                     |                         |                       |              |                              |          |                                   | L                 | IM                               | Rounded                         | 50-75             | 40-50                               | DB                                  | M         | YE           | J               |  |                |                | Y                | F                                | S           | 0.036             | M                         | M             | adapt             | FS                | G/                |                                    |
| Buckeye, Bottlebrush               | <i>Aesculus parviflora</i>       | 150                              | Very Small  | P                     |                       |                         |                       |              |                              |          |                                   | S                 | VS                               | Multi-Stemmed                   | 15-20             | 10-15                               | DB                                  | M         | YE           | W               | Summer                                       | X              |                | N                | M                                | S           | n/a               | M                         | L             | ac-adapt          | SH                | n/a               |                                    |
| Buckeye, Painted                   | <i>Aesculus sylvatica</i>        | 150                              | Very Small  | P                     | X                     |                         |                       |              |                              |          |                                   | S                 | VS                               | Rounded                         | 15-25             | 5-15                                | DB                                  | M         | YE           | P/Y             | Spring                                       | X              |                | Y                | M                                | S           | n/a               | M                         | L             | ac-adapt          | SH                | n/a               |                                    |
| Buckeye, Red                       | <i>Aesculus pavia</i>            | 150                              | Very Small  | P                     |                       |                         |                       |              |                              |          |                                   | S                 | VS                               | Rounded                         | 10-15             | 10-15                               | DB                                  | M         | YE           | R               | Spring                                       | X              |                | N                | M                                | S           | n/a               | M                         | L             | ac                | PS                | M/I               |                                    |
| Buckthorn, Carolina                | <i>Rhamnus caroliniana</i>       | 900                              | 1 Medium  | P                     | X                     | X                       | X                     |              |                              |          |                                   | M                 | M                                | Oval                            | 30-40             | 10-30                               | DB                                  | M         | OR           | I               |  | X              |                | Y                | M                                | S           | n/a               | M                         | M             | ac-alk            | FS                | M/IS              |                                    |
| Buckthorn, Common                  | <i>Rhamnus cathartica</i>        | 900                              | 1 Medium  | L                     |                       |                         |                       |              |                              |          |                                   | S                 | M                                | Rounded                         | 20-25             | 20-25                               | DB                                  | IM        | YE           | I               |  | X              |                | N                | M                                | S           | n/a               | M                         | H             | adapt             | FS                | n/a               | X                                  |
| Buttonbush, Common                 | <i>Cephalanthus occidentalis</i> | 150                              | Very Small  | P                     | X                     |                         |                       |              |                              |          |                                   | S                 | VS                               | Multi-Stemmed                   | 10-15             | 10-15                               | DB                                  | M         | YE           | W               | Late Summer                                  | X              |                | Y                | M                                | S           | n/a               | W                         | L             | n/a               | FS                | G/I               |                                    |
| Catalpa, Southern                  | <i>Catalpa bignonioides</i>      | 900                              | 1 Medium  | C                     | X                     | 0                       | 0                     | X            |                              |          |                                   | M                 | IM                               | Rounded                         | 30-40             | 30-40                               | DB                                  | C         | YE           | W               | Spring                                       | X              | X              | Y                | F                                | S           | 0.014             | M                         | M             | sl ac-sl alk      | FS                | G/                |                                    |
| Cedar, Deodar                      | <i>Cedrus deodara</i>            | 900                              | 1 Medium  | L                     | X                     |                         |                       |              |                              |          |                                   | L                 | IM                               | Pyramidal                       | 40-100            | 40-100                              | EC                                  | F         | EV           | I               |  |                |                | N                | M                                | L           | -0.031            | D                         | H             | ac-sl alk         | FS                | g                 |                                    |
| Cedar, Japanese                    | <i>Cryptomeria japonica</i>      | 900                              | 1 Medium  | L                     | X                     |                         |                       |              |                              |          |                                   | L                 | IM                               | Pyramidal                       | 40-60             | 15-20                               | EC                                  | F         | EV           | I               |  |                |                | N                | S                                | M           | 0.084             | M                         | H             | ac                | FS                | n/a               | X                                  |
| Chastetree (Vitex)                 | <i>Vitex agnus-castus</i>        | 150                              | Very Small  | P                     | X                     | X                       | X                     | X            |                              |          |                                   | S                 | VS                               | Multi-Stemmed                   | 15-20             | 10-20                               | DB                                  | M         | YE           | B/L/W           | Summer                                       | X              |                | N                | M                                | S           | n/a               | D                         | H             | ac-alk            | FS                | n/a               | X                                  |
| Cherry, Black                      | <i>Prunus serotina</i>           | 900                              | 1 Medium  | C                     | X                     | X                       |                       |              |                              |          |                                   | L                 | IM                               | Oval                            | 50-90             | 15-50                               | DB                                  | M         | YE           | W               | Early Spring                                 | X              |                | Y                | F                                | M           | 0.083             | M                         | M             | sl ac             | FS                | M/I               |                                    |
| Cherrylaurel, Carolina             | <i>Prunus caroliniana</i>        | 900                              | 1 Medium  | C                     | X                     | 0                       | 0                     | X            | 0                            |          |                                   | M                 | M                                | Oval                            | 20-40             | 15-25                               | EB                                  | IM        | EV           | W               | Spring                                       | X              |                | N                | M                                | M           | n/a               | M                         | H             | ac-sl alk         | FS                | G/                | X                                  |
| Cherry, Japanese Flowering         | <i>Prunus serrulata</i>          | 400                              | 1 Small   | N                     |                       |                         |                       |              |                              |          |                                   | S                 | IS                               | Rounded                         | 20-30             | 20-30                               | DB                                  | M         | OR           | P               | Spring                                       | X              |                | N                | F                                | S           | 0.013             | M                         | L             | ac-alk            | FS                | n/a               |                                    |
| Cherry, Yoshino                    | <i>Prunus x yedoensis</i>        | 400                              | 1 Small   | N                     |                       |                         |                       |              |                              |          |                                   | S                 | S                                | Rounded                         | 20-45             | 20-40                               | DB                                  | M         | YE           | P/W             | Spring                                       | X              |                | N                | F                                | S           | n/a               | M                         | L             | ac                | FS                | n/a               |                                    |
| Chestnut, American                 | <i>Castanea dentata</i>          | 1,600                            | Large   | N                     |                       |                         |                       |              |                              |          |                                   | L                 | L                                |                                 |                   |                                     |                                     |           |              |                 |  |                |                | Y                |                                  |             |                   |                           |               |                   |                   |                   |                                    |
| Chestnut, Chinese                  | <i>Castanea mollissima</i>       | 1,600                            | Large   | P                     | X                     |                         |                       |              |                              |          |                                   | L                 | L                                | Rounded                         | 40-60             | 40-60                               | DB                                  | M         | BR           | W               | Summer                                       | X              |                | N                | S                                | L           | n/a               | D                         | M             | ac-sl alk         | FS                | n/a               | X                                  |
| Chinaberry                         | <i>Melia azedarach</i>           | 900                              | 1 Medium  | N                     |                       |                         |                       |              |                              |          |                                   | M                 | IM                               |                                 |                   |                                     |                                     |           |              |                 |  |                |                | N                |                                  |             |                   |                           |               |                   |                   |                   |                                    |
| Chinquapin, Allegheny              | <i>Castanea pumila</i>           | 400                              | 1 Small   | C                     | X                     |                         |                       |              |                              |          |                                   | S                 | S                                | Rounded                         | 10-25             | 10-25                               | DB                                  | M         | BR           | I               |  | X              |                | Y                | S                                | S           | n/a               | D                         | H             | n/a               | FS                | P/P               |                                    |
| Cottonwood, Eastern                | <i>Populus deltoides</i>         | 1,600                            | 2 Large   | C                     | X                     |                         |                       |              |                              |          |                                   | L                 | L                                | Pyramidal                       | 50-100            | 20-75                               | DB                                  | C         | YE           | I               |  | X              | X              | Y                | F                                | M           | -0.708            | M                         | M             | sl ac-sl alk      | FS                | G/                | X                                  |
| Crabapple, Japanese Flowering      | <i>Malus floribunda</i>          | 400                              | 1 Small   | N                     |                       |                         |                       |              |                              |          |                                   | S                 | IS                               | Rounded                         | 15-25             | 15-25                               | DB                                  | M         | YE           | P               | Spring                                       | X              |                | N                | M                                | S           | n/a               | M                         | L             | sl ac-sl alk      | FS                | n/a               |                                    |
| Crabapple, Southern                | <i>Malus angustifolia</i>        | 400                              | 1 Small   | C                     | X                     | IX                      |                       |              |                              |          |                                   | S                 | S                                | Spreading                       | 20-25             | 10-20                               | DB                                  | M         | YE           | P               | Spring                                       | X              | X              | Y                | M                                | S           | n/a               | M                         | L             | sl ac-sl alk      | FS                | M/ICP             |                                    |
| Crapemyrtle, Common                | <i>Lagerstroemia indica</i>      | 150                              | Very Small  | P                     | XX                    | XX                      | XX                    | XX           | 0                            | XX       |                                   | S                 | VS                               | Multi-Stemmed                   | 15-30             | 10-25                               | DB                                  | F         | RE           | M               | Summer                                       |                |                | N                | F                                | M           | 0.004             | M                         | H             | ac-sl alk         | FS                | n/a               | X                                  |
| Cypress, Leyland                   | <i>Cupressocyparis leylandii</i> | 400                              | 1 Small   | L                     | X                     | 0                       | X                     | X            | IX                           |          |                                   | M                 | IS                               | Pyramidal                       | 50-60             | 20-30                               | EC                                  | F         | EV           | I               |  |                |                | N                | F                                | M           | 0.053             | M                         | M             | ac-alk            | FS                | g                 |                                    |
| Devil's Walking Stick              | <i>Aralia spinosa</i>            | 150                              | Very Small  | N                     |                       |                         |                       |              |                              |          |                                   | S                 | VS                               |                                 |                   |                                     |                                     |           |              |                 |  |                |                | Y                |                                  |             |                   |                           |               |                   |                   |                   |                                    |
| Devilwood                          | <i>Osmanthus americanus</i>      | 400                              | 1 Small   | C                     | X                     |                         |                       |              |                              |          |                                   | S                 | S                                | Rounded                         | 15-25             | 10-15                               | DB                                  | M         | YE           | W               | Spring                                       | X              |                | Y                | M                                | M           | n/a               | M                         | M             |                   | PS                | M/I               |                                    |
| Dogwood, Flowering                 | <i>Cornus florida</i>            | 400                              | 1 Small   | P                     | XX                    | XX                      | XX                    | 0            | 0                            | XX       | XX                                | S                 | IS                               | Spreading                       | 15-30             | 15-30                               | DB                                  | M         | RE           | W               | Spring                                       | X              |                | Y                | M                                | M           | 0.021             | M                         | L             | ac-nu             | PS                | M/IP              |                                    |
| Dogwood, Flowering Pink            | <i>Cornus florida var. rubra</i> | 400                              | 1 Small   | P                     | XX                    | XX                      | XX                    | 0            | 0                            | XX       | XX                                | S                 | S                                | Spreading                       | 15-30             | 15-30                               | DB                                  | M         | RE           | P               | Spring                                       | X              |                | Y                | M                                | M           | n/a               | M                         | L             | n/a               | PS                | n/a               |                                    |
| Dogwood, Kousa                     | <i>Cornus kousa</i>              | 400                              | 1 Small   | P                     | X                     |                         |                       |              |                              |          |                                   | S                 | S                                | Rounded                         | 10-20             | 10-20                               | DB                                  | M         | RE           | W               | Spring                                       | X              |                | Y                | M                                | S           | n/a               | M                         | L             | ac                | PS                | n/a               |                                    |
| Dogwood, Swamp                     | <i>Cornus stricta</i>            | 400                              | 1 Small   | C                     | X                     |                         |                       |              |                              |          |                                   | S                 | IS                               | Rounded                         | 10-25             | 10-25                               | DB                                  | M         | RE           | W               | Spring                                       | X              |                | Y                | S                                | S           | n/a               | W                         | L             | n/a               | PS                | G/I               |                                    |
| Elm, American                      | <i>Ulmus americana</i>           | 1,600                            | Large   | C                     | X                     |                         |                       |              |                              |          |                                   | L                 | L                                | Upright                         | 50-100            | 30-70                               | DB                                  | M         | YE           | I               |  | X              |                | Y                | M                                | M           | 0.143             | M                         | H             | sl ac-sl alk      | FS                | M/P               |                                    |
| Elm, Chinese (Lacebark)            | <i>Ulmus parvifolia</i>          | 900                              | 1 Medium  | L                     | 0                     | XX                      | IXX                   | XX           | XX                           | 0        | 0                                 | M                 | M                                | Upright                         | 40-60             | 30-50                               | DB                                  | F/M       | YE           | I               |  |                |                | N                | F                                | M           | 0.058             | M                         | H             | sl ac-sl alk      | FS                | n/a               | X                                  |
| Elm, Siberian                      | <i>Ulmus pumila</i>              | 900                              | 1 Medium  | N                     |                       |                         |                       |              |                              |          |                                   | L                 | IM                               |                                 |                   |                                     |                                     |           |              |                 |  |                |                | N                |                                  |             |                   |                           |               |                   |                   |                   |                                    |
| Elm, Slippery                      | <i>Ulmus rubra</i>               | 1,600                            | Large   | C                     | X                     |                         |                       |              |                              |          |                                   | L                 | L                                | Upright                         | 70-80             | 30-50                               | DB                                  | M         | YE           | I               |  | X              |                | Y                | F                                | M           | 0.086             | M                         | M             | sl ac-sl alk      | FS                | M/P               |                                    |
| Elm, Winged                        | <i>Ulmus alata</i>               | 1,600                            | 1 Large   | P                     | XX                    | IXX                     | IXX                   | XX           |                              |          |                                   | L                 | L                                | Upright                         | 70-80             | 30-50                               | DB                                  | F         | YE           | I               |  |                |                | Y                | M                                | M           | 0.034             | M                         | H             | sl ac-sl alk      | FS                | G/                | X                                  |
| Fiametree, Chinese (Bougainvillea) | <i>Koeleruteria bipinnata</i>    | 400                              | 1 Small   | P                     |                       |                         |                       |              |                              |          |                                   | M                 | S                                | Rounded                         | 20-40             | 20-40                               | DB                                  | M         | YE           | Y               | Summer                                       |                |                | N                | M                                | M           | n/a               | M                         | H             | sl ac-sl alk      | FS                | n/a               | X                                  |
| Fringetree (Grancy Graybeard)      | <i>Chionanthus virginicus</i>    | 150                              | Very Small  | P                     | X                     | X                       | X                     |              |                              |          |                                   | S                 | VS                               | Oval                            | 10-30             | 5-15                                | DB                                  | M/C       | YE           | W               | Spring                                       | X              |                | Y                | M                                | S           | n/a               | M                         | L             | acidic            | PS                | M/IS              |                                    |
| Fringetree, Chinese                | <i>Chionanthus retusus</i>       | 150                              | Very Small  | P                     | IX                    | IX                      |                       |              |                              |          |                                   | S                 | VS                               | Rounded                         | 15-25             | 10-15                               | DB                                  | M/C       | YE           | W               | Spring                                       | X              |                | N                | S                                | S           | n/a               | M                         | M             | acidic            | PS                | n/a               |                                    |
| Ginkgo (Female)                    | <i>Ginkgo biloba</i>             | 1,600                            | Large   | L                     | X                     | 0                       | X                     | 0            | 0                            | 0        |                                   | M                 | L                                | Pyramidal                       | 50-75             | 30-60                               | DB                                  | C         | YE           | I               |  | X              |                | N                | S                                | L           | 0.108             | M                         | H             | sl ac             | FS                | g                 | X                                  |
| Ginkgo (Male)                      | <i>Ginkgo biloba</i>             | 1,600                            | 1 Large   | P                     | X                     | XX                      | XX                    | X            | IXX</                        |          |                                   |                   |                                  |                                 |                   |                                     |                                     |           |              |                 |  |                |                |                  |                                  |             |                   |                           |               |                   |                   |                   |                                    |



# City of Decatur Tree Species List

| SPECIES COMMON NAME             | LATIN NAME                                | CANOPY AREA FOR DEVELOPMENT CODE |   | RECOMMENDED USES      |                       |                         |                       |              |                              |          | PHYSICAL CHARACTERISTICS          |                   |                                  |                                 |                   |                                     |                                     | ENVIRONMENTAL CHARACTERISTICS AND TOLERANCES |              |                 |              |                |                |                  |                                  |             |                   |                           |               |                   |                   |                   |                                    |                     |   |
|---------------------------------|---|----------------------------------|---|-----------------------|-----------------------|-------------------------|-----------------------|--------------|------------------------------|----------|-----------------------------------|-------------------|----------------------------------|---------------------------------|-------------------|-------------------------------------|-------------------------------------|--|--------------|-----------------|--------------|----------------|----------------|------------------|----------------------------------|-------------|-------------------|---------------------------|---------------|-------------------|-------------------|-------------------|------------------------------------|---------------------|---|
|                                 |   | Square Feet of Canopy            | Parking Lot Canopy Tree Mature Canopy Size Category | Approved Level of Use | Large Landscape Areas | Road Frontages - Street | Road Frontages - Yard | Parking Lots | Plazas and Downtown Settings | Barriers | Riparian Zones and Drainage Areas | Utility Corridors | Height Class in Urban Conditions | Crown Class in Urban Conditions | Mature Crown Form | Typical Range of Mature Tree Height | Typical Range of Mature Crown Width | Leaf Type                                    | Leaf Texture | Fall Leaf Color | Flower Color | Flowering Time | Wildlife Value | Excessive Litter | Native Tree to Athens-Clarke Co. | Growth Rate | Average Life Span | Net Effect on Air Quality | Soil Moisture | Drought Tolerance | Preferred Soil pH | Light Requirement | Construction Tolerance/Limitations | Urban Tolerant Tree |   |
| Oak, Georgia                    | <i>Quercus georgiana</i>                  | 1,600                            | 1 Large   | C                     | x                     | x                       | x                     |              |                              |          |                                   | L                 | L                                | Rounded                         | 20-40             | 10-30                               | DB                                  | M  | BR           | I               |              |                | X              |                  | Y                                | M           | M                 | n/a                       | D             | H                 | ac-alk            | FS                | n/a                                |                     |   |
| Oak, Laurel                     | <i>Quercus hemisphaerica</i>              | 1,600                            | 1 Large   | P                     | x                     | ix                      | ix                    | x            |                              |          |                                   | L                 | L                                | Rounded                         | 160-90            | 50-60                               | DB                                  | IM   | IBR          | I               |              |                | X              |                  | N                                | F           | M                 | -0.314                    | D             | H                 | adapt             | FS                | n/a                                |                     |   |
| Oak, Laurel 'Darlington'        | <i>Quercus hemisphaerica</i> 'Darlington' | 1,600                            | 1 Large   | P                     | x                     | XX                      | XX                    | x            |                              |          |                                   | L                 | L                                | Rounded                         | 60-90             | 50-60                               | DB                                  | F  | BR           | I               |              |                | X              |                  | N                                | F           | M                 | n/a                       | D             | H                 | adapt             | FS                | n/a                                |                     |   |
| Oak, Live                       | <i>Quercus virginiana</i>                 | 1,600                            | 1 Large   | N                     |                       |                         |                       |              |                              |          |                                   | L                 | L                                |                                 |                   |                                     |                                     |  |              |                 |              |                |                | N                |                                  |             |                   |                           |               |                   |                   |                   |                                    |                     |   |
| Oak, Northern Red               | <i>Quercus rubra</i>                      | 1,600                            | 2 Large   | P                     | XX                    | ix                      | IXX                   | x            |                              |          |                                   | L                 | L                                | Rounded                         | 160-100           | 30-60                               | DB                                  | IM   | IRE          | I               |              |                | X              |                  | Y                                | F           | L                 | -0.503                    | M             | M                 | ac-sl ac          | FS                | GM/SC                              |                     |   |
| Oak, Nuttall                    | <i>Quercus nuttalli</i>                   | 1,600                            | 1 Large   | P                     | x                     | x                       | x                     | x            |                              |          |                                   | L                 | L                                | Rounded                         | 60-80             | 35-50                               | DB                                  | M  | RE           | I               |              |                | X              |                  | Y                                | M           | L                 | n/a                       | M             | M                 | ac                | FS                | n/a                                |                     |   |
| Oak, Oglethorpe                 | <i>Quercus oglethorpensis</i>             | 1,600                            | 1 Large   | C                     | x                     | x                       | x                     |              |                              |          |                                   | M                 | L                                | Rounded                         | 40-70             | 30-50                               | DB                                  | M  | RE           | I               |              |                | X              |                  | Y                                | S           | M                 | n/a                       | W             | M                 | n/a               | FS                | n/a                                |                     |   |
| Oak, Overcup                    | <i>Quercus lyrata</i>                     | 1,600                            | 2 Large   | P                     | XX                    | XX                      | XX                    | x            |                              | ix       |                                   | L                 | L                                | Rounded                         | 30-45             | 30-45                               | DB                                  | M  | BR           | I               |              |                | X              |                  | Y                                | M           | L                 | -0.159                    | W             | M                 | ac-sl alk         | FS                | G/                                 |                     |   |
| Oak, Pin                        | <i>Quercus palustris</i>                  | 1,600                            | 1 Large   | L                     | 0                     | x                       | x                     | 0            | 0                            | 0        | 0                                 | L                 | L                                | Pyramidal                       | 40-100            | 20-50                               | DB                                  | M  | RE           | I               |              |                | X              |                  | N                                | M           | L                 | -0.483                    | M             | M                 | acidic            | FS                | mg                                 |                     |   |
| Oak, Post                       | <i>Quercus stellata</i>                   | 1,600                            | 1 Large   | C                     | 0                     | x                       | XX                    |              |                              |          |                                   | L                 | L                                | Rounded                         | 40-50             | 35-40                               | DB                                  | M/C  | BR           | I               |              |                | X              |                  | Y                                | M           | L                 | -0.327                    | D             | H                 | ac-sl alk         | FS                | G/                                 |                     |   |
| Oak, Sawtooth                   | <i>Quercus acutissima</i>                 | 1,600                            | 1 Large   | L                     | 0                     | 0                       | ix                    | 0            | 0                            | 0        | 0                                 | M                 | L                                | Oval                            | 50-60             | 30-60                               | DB                                  | M  | YE           | I               |              |                | X              | X                | N                                | F           | M                 | -0.159                    | M             | M                 | ac-sl alk         | FS                | n/a                                |                     |   |
| Oak, Scarlet                    | <i>Quercus coccinea</i>                   | 1,600                            | 2 Large   | P                     | XX                    | XX                      | XX                    | x            |                              |          |                                   | L                 | L                                | Rounded                         | 50-80             | 30-50                               | DB                                  | M  | RE           | I               |              |                | X              |                  | Y                                | M           | L                 | -0.592                    | D             | H                 | sl ac             | FS                | G/                                 |                     |   |
| Oak, Shumard                    | <i>Quercus shumardii</i>                  | 1,600                            | 1 Large   | P                     | XX                    | XX                      | XX                    | XX           | IXX                          |          |                                   | L                 | L                                | Rounded                         | 60-100            | 30-70                               | DB                                  | M  | RE           | I               |              |                | X              |                  | Y                                | F           | L                 | -0.265                    | M             | H                 | ac-alk            | FS                | G/                                 |                     |   |
| Oak, Southern Red               | <i>Quercus falcata</i>                    | 1,600                            | 2 Large   | P                     | XX                    | ix                      | XX                    | x            |                              | x        |                                   | L                 | L                                | Rounded                         | 60-100            | 30-70                               | DB                                  | M  | OR           | I               |              |                | X              |                  | Y                                | M           | L                 | -0.576                    | M             | H                 | ac                | FS                | G/                                 |                     |   |
| Oak, Swamp Chestnut             | <i>Quercus michauxii</i>                  | 1,600                            | 1 Large   | P                     | x                     | 0                       | ix                    | 0            | 0                            | ix       |                                   | L                 | L                                | Oval                            | 70-90             | 30-60                               | DB                                  | M  | YE           | I               |              |                | X              |                  | Y                                | M           | L                 | -0.544                    | M             | M                 | n/a               | FS                | G/                                 |                     |   |
| Oak, Swamp White                | <i>Quercus bicolor</i>                    | 1,600                            | 1 Large   | P                     | x                     | x                       | x                     |              |                              | x        |                                   | L                 | L                                | Oval                            | 70-90             | 30-60                               | DB                                  | M  | YE           | I               |              |                | X              |                  | Y                                | M           | L                 | -0.457                    | M             | M                 | n/a               | FS                | G/                                 |                     |   |
| Oak, Water                      | <i>Quercus nigra</i>                      | 1,600                            | 1 Large   | P                     | XX                    | ix                      | XX                    |              |                              | XX       | 0                                 | L                 | L                                | Rounded                         | 50-100            | 30-70                               | DB                                  | M  | RE           | I               |              |                | X              |                  | Y                                | F           | M                 | -0.451                    | M             | M                 | ac-sl alk         | FS                | G/                                 |                     |   |
| Oak, White                      | <i>Quercus alba</i>                       | 1,600                            | 1 Large   | P                     | XX                    | ix                      | XX                    |              |                              |          |                                   | L                 | L                                | Rounded                         | 160-100           | 30-80                               | DB                                  | M  | YE           | I               |              |                | X              |                  | Y                                | S           | L                 | -0.348                    | M             | M                 | acidic            | FS                | GM/S                               |                     |   |
| Oak, Willow                     | <i>Quercus phellos</i>                    | 1,600                            | 1 Large   | P                     | XX                    | XX                      | XX                    | XX           | XX                           | 0        | XX                                | 0                 | L                                | L                               | Rounded           | 40-100                              | 30-60                               | DB   | F/M          | YE              | I            |                |                | X                |                                  | Y           | F                 | L                         | -0.314        | M                 | H                 | acidic            | FS                                 | GM/S                | X |
| Orange, Osage                   | <i>Maclura pomifera</i>                   | 900                              | 1 Medium  | L                     | x                     | 0                       | x                     | 0            | 0                            | 0        | 0                                 | M                 | M                                | Spreading                       | 30-40             | 30-40                               | DB                                  | M/C  | YE           | I               |              |                | X              | X                | N                                | F           | L                 | 0.000                     | D             | H                 | sl ac-sl alk      | FS                | n/a                                | X                   |   |
| Parrotia                        | <i>Parrotia persica</i>                   | 400                              | 1 Small   | L                     | ix                    | ix                      |                       |              |                              | ix       |                                   | M                 | S                                | Rounded                         | 120-40            | 20-35                               | DB                                  | M  | OR           | R               | Spring       |                |                | N                | F                                | S           | n/a               | M                         | M             | ac-sl alk         | FS                | n/a               |                                    |                     |   |
| Pear, Bradford                  | <i>Pyrus calleryana</i> 'Bradford'        | 900                              | 1 Medium  | N                     |                       |                         |                       |              |                              |          |                                   | M                 | M                                |                                 |                   |                                     |                                     |  |              |                 |              |                |                | N                |                                  |             |                   |                           |               |                   |                   |                   |                                    |                     |   |
| Pear, Callery Variety           | <i>Pyrus calleryana</i>                   | 900                              | 1 Medium  | N                     |                       |                         |                       |              |                              |          |                                   | M                 | M                                |                                 |                   |                                     |                                     |  |              |                 |              |                |                | N                |                                  |             |                   |                           |               |                   |                   |                   |                                    |                     |   |
| Pecan                           | <i>Carya illinoensis</i>                  | 1,600                            | 1 Large   | P                     | x                     | 0                       | ix                    | 0            | 0                            | 0        | 0                                 | L                 | L                                | Upright                         | 160-100           | 30-75                               | DB                                  | M/C  | YE           | I               |              |                | X              | X                | N                                | S           | M                 | 0.088                     | M             | L                 | sl ac-sl alk      | FS                | mg                                 |                     |   |
| Persimmon, Common               | <i>Diospyros virginiana</i>               | 900                              | 1 Medium  | P                     | x                     | 0                       | ix                    | 0            | 0                            | ix       |                                   | L                 | M                                | Oval                            | 70-80             | 40-60                               | DB                                  | M  | RE           | I               |              |                | X              | X                | Y                                | M           | S                 | 0.058                     | M             | H                 | ac-alk            | FS                | G/P                                | X                   |   |
| Pine, Eastern White             | <i>Pinus strobus</i>                      | 1,600                            | 1 Large   | N                     |                       |                         |                       |              |                              |          |                                   | L                 | L                                |                                 |                   |                                     |                                     |  |              |                 |              |                |                | N                |                                  |             |                   |                           |               |                   |                   |                   |                                    |                     |   |
| Pine, Loblolly                  | <i>Pinus taeda</i>                        | 1,600                            | 1 Large   | P                     | XX                    | ix                      | ix                    | XX           | ix                           | ix       | 0                                 | L                 | L                                | Pyramidal                       | 80-100            | 20-40                               | EC                                  | F  | EV           | I               |              |                | X              |                  | Y                                | F           | M                 | 0.016                     | M             | M                 | acidic            | FS                | G/                                 |                     |   |
| Pine, Longleaf                  | <i>Pinus palustris</i>                    | 1,600                            | 1 Large   | C                     |                       | ix                      | x                     |              |                              | x        | 0                                 | L                 | L                                | Pyramidal                       | 160-100           | 20-40                               | EC                                  | F  | EV           | I               |              |                | X              |                  | N                                | M           | L                 | 0.010                     | M             | H                 | ac-sl alk         | FS                | GM/C                               |                     |   |
| Pine, Shortleaf                 | <i>Pinus echinata</i>                     | 1,600                            | 1 Large   | P                     | XX                    | x                       | x                     | x            | ix                           | x        | 0                                 | L                 | L                                | Pyramidal                       | 60-100            | 20-40                               | EC                                  | F  | EV           | I               |              |                | X              |                  | Y                                | M           | L                 | 0.008                     | M             | H                 | ac                | PS                | GM/P                               |                     |   |
| Pine, Slash                     | <i>Pinus elliotii</i>                     | 1,600                            | 1 Large   | C                     |                       | ix                      | x                     |              |                              | x        | 0                                 | L                 | L                                | Pyramidal                       | 60-100            | 20-50                               | EC                                  | F  | EV           | I               |              |                | X              |                  | N                                | F           | M                 | 0.010                     | M             | M                 | ac-sl alk         | FS                | G/                                 |                     |   |
| Pine, Virginia                  | <i>Pinus virginiana</i>                   | 900                              | 1 Medium  | P                     | x                     | ix                      | x                     |              |                              | XX       | ix                                | M                 | M                                | Pyramidal                       | 15-70             | 10-35                               | EC                                  | F  | EV           | I               |              |                | X              |                  | Y                                | F           | S                 | 0.003                     | M             | H                 | ac                | FS                | G/                                 | X                   |   |
| Pistache, Chinese               | <i>Pistacia chinensis</i>                 | 900                              | 1 Medium  | P                     | x                     | XX                      | XX                    | ix           | ix                           | 0        |                                   | M                 | M                                | Rounded                         | 60-80             | 40-50                               | DB                                  | M  | RE           | G               | Spring       |                |                | X                |                                  | N           | M                 | M                         | n/a           | M                 | H                 | ac-alk            | FS                                 | n/a                 | X |
| Planetree, London               | <i>Platanus x acerifolia</i>              | 1,600                            | 2 Large   | P                     | x                     | XX                      | XX                    | XX           |                              |          |                                   | L                 | L                                | Irregular                       | 60-100            | 20-80                               | DB                                  | C  | YE           | I               |              |                | X              |                  | N                                | F           | M                 | -0.415                    | M             | H                 | sl ac-sl alk      | FS                | pg                                 | X                   |   |
| Plum, Chickasaw                 | <i>Prunus angustifolia</i>                | 150                              | 1 Very Small  | C                     | x                     | 0                       | ix                    |              |                              | x        | ix                                | S                 | VS                               | Rounded                         | 10-20             | 10-20                               | DB                                  | F  | II           | W               | Late Winter  |                |                | X                |                                  | Y           | M                 | S                         | n/a           | M                 | H                 | sl ac-sl alk      | FS                                 | M/S                 |   |
| Plum, Purpleleaf                | <i>Prunus cerasifera</i>                  | 400                              | 1 Small   | N                     |                       |                         |                       |              |                              |          |                                   | S                 | S                                | Rounded                         | 10-25             | 10-25                               | DB                                  | F  | RE           | P/W             | Spring       |                |                | X                |                                  | Y           | M                 | S                         | 0.014         | M                 | M                 | sl ac-sl alk      | FS                                 | mg                  |   |
| Poplar, Lombardy                | <i>Populus nigra</i> var. <i>italica</i>  | 900                              | 1 Medium  | N                     |                       |                         |                       |              |                              |          |                                   | L                 | M                                |                                 |                   |                                     |                                     |  |              |                 |              |                |                | N                |                                  |             |                   |                           |               |                   |                   |                   |                                    |                     |   |
| Poplar, White                   | <i>Populus alba</i>                       | 900                              | 1 Medium  | C                     |                       | ix                      |                       |              |                              |          |                                   | L                 | M                                | Oval                            | 140-100           | 20-60                               | DB                                  | IC   | YE           | I               |              |                |                |                  | N                                | F           | M                 | -0.417                    | M             | H                 | ac-alk            | FS                | n/a                                |                     |   |
| Poplar, Yellow (Tuliptree)      | <i>Liriodendron tulipifera</i>            | 1,600                            | 2 Large   | P                     | XX                    | ix                      | x                     |              |                              | XX       | ix                                | L                 | L                                | Oval                            | 80-150            | 30-60                               | DB                                  | C  | YE           | Y               | Spring       |                |                | X                |                                  | Y           | M                 | L                         | 0.171         | M                 | L                 | sl ac             | FS                                 | P/IS                |   |
| Redbud, Eastern                 | <i>Cercis canadensis</i>                  | 400                              | 1 Small   | P                     | XX                    | XX                      | XX                    | XX           | XX                           | x        | XX                                | S                 | S                                | Spreading                       | 25-50             | 15-25                               | DB                                  | M  | YE           | P               | Spring       |                |                | X                |                                  | Y           | F                 | S                         | 0.012         | M                 | M                 | ac-sl ac          | PS                                 | M/S                 |   |
| Redbud, Eastern White           | <i>Cercis canadensis</i> var. <i>alba</i> | 400                              | 1 Small   | P                     | x                     | IXX                     | IXX                   | XX           | ix                           | ix       | IXX                               | S                 | S                                | Spreading                       | 120-30            | 15-25                               | DB                                  | IM   | YE           | W               | Spring       |                |                | X                |                                  | Y           | F                 | S                         | n/a           | M                 | M                 | ac-sl ac          | PS                                 | n/a                 |   |
| Redbud, 'Forest Pansy'          | <i>Cercis canadensis</i> 'Forest Pansy'   | 400                              | 1 Small   | P                     | x                     | IXX                     | IXX                   | XX           | ix                           | ix       | IXX                               | S                 | S                                | Spreading                       | 120-30            | 15-25                               | DB                                  | IM   | YE           | P               | Spring       |                |                | X                |                                  | Y           | F                 | S                         | n/a           | M                 | L                 | ac-sl ac          | PS                                 | n/a                 |   |
| Redbud, 'Oklahoma'              | <i>Cercis reniformis</i> 'Oklahoma'       | 400                              | 1 Small   | P                     | XX                    | XX                      | x                     | IXX          |                              | ix       | XX                                | S                 | S                                | Rounded                         | 20-25             | 15-20                               | DB                                  | M  | YE           | P               | Spring       |                |                | X                |                                  | N           | M                 | S                         | n/a           | D                 | H                 | ac-sl ac          | FS                                 | n/a                 | X |
| Redbud, 'Texas White'           | <i>Cercis reniformis</i> 'Texas White'    | 400                              | 1 Small   | P                     | ix                    | ix                      | x                     | XX           |                              | ix       | ix                                | S                 | S                                | Rounded                         | 20-25             | 15-20                               | DB                                  | M  | YE           | W               | Spring       |                |                | X                |                                  | N           | M                 | S                         | n/a           | D                 | H                 | ac-sl ac          | FS                                 | n/a                 |   |
| Redcedar, Eastern               | <i>Juniperus virginiana</i>               | 900                              | 1 Medium  | P                     | x                     | ix                      | x                     |              |                              | XX       | ix                                | 0                 | M                                | M                               | Pyramidal         | 40-60                               | 10-20                               | EC   | F            | EV              | I            |                |                | X                |                                  | Y           | S                 | M                         | -0.010        | M                 | H                 | ac-nu             | FS                                 | M/S                 |   |
| Redwood, Dawn                   | <i>Metasequoia glyptostroboides</i>       | 900                              | 1 Medium  | P                     | x                     | ix                      | x                     |              |                              | XX       | ix                                | 0                 | L                                | M                               | Pyramidal         | 75-100                              | 25-30                               | DC   | F            | BR              | I            |                |                |                  |                                  | N           | F                 | L                         | 0.163         | M                 | n/a               | FS                | n/a                                | X                   |   |
| Royal Paulownia (Princess-Tree) | <i>Paulownia tomentosa</i>                | 900                              | 1 Medium  | L                     |                       | 0                       | ix                    | 0            | 0                            | 0        | 0                                 | M                 | M                                | Irregular                       | 30-50             | 20-50                               | DB                                  | C  | YE           | P               | Spring       |                |                | X                |                                  | N           | F                 | S                         | 0.022         | M                 | M                 | ac-sl alk         | FS                                 | g                   |   |
| Sassafras                       | <i>Sassafras albidum</i>                  | 900                              | 1 Medium  | C                     | x                     | ix                      |                       |              |                              | x        |                                   |                   |                                  |                                 |                   |                                     |                                     |  |              |                 |              |                |                |                  |                                  |             |                   |                           |               |                   |                   |                   |                                    |                     |   |

# City of Decatur Tree Species List

| SPECIES COMMON NAME          | LATIN NAME                                   | CANOPY AREA FOR DEVELOPMENT CODE |   | RECOMMENDED USES      |                       |                         |                       |              |                              |          |                                   |                   |                                  | PHYSICAL CHARACTERISTICS        |                   |                                     |                                     |           |              |                 |              |                |                | ENVIRONMENTAL CHARACTERISTICS AND TOLERANCES |                                  |             |                   |                           |               |                   |                   |                   |                                    |                     |   |
|------------------------------|--|----------------------------------|---|-----------------------|-----------------------|-------------------------|-----------------------|--------------|------------------------------|----------|-----------------------------------|-------------------|----------------------------------|---------------------------------|-------------------|-------------------------------------|-------------------------------------|-----------|--------------|-----------------|--------------|----------------|----------------|--|----------------------------------|-------------|-------------------|---------------------------|---------------|-------------------|-------------------|-------------------|------------------------------------|---------------------|---|
|                              |  | Square Feet of Canopy            | Parking Lot Canopy Tree Mature Canopy Size Category | Approved Level of Use | Large Landscape Areas | Road Frontages - Street | Road Frontages - Yard | Parking Lots | Plazas and Downtown Settings | Barriers | Riparian Zones and Drainage Areas | Utility Corridors | Height Class in Urban Conditions | Crown Class in Urban Conditions | Mature Crown Form | Typical Range of Mature Tree Height | Typical Range of Mature Crown Width | Leaf Type | Leaf Texture | Fall Leaf Color | Flower Color | Flowering Time | Wildlife Value | Excessive Litter                             | Native Tree to Athens-Clarke Co. | Growth Rate | Average Life Span | Net Effect on Air Quality | Soil Moisture | Drought Tolerance | Preferred Soil pH | Light Requirement | Construction Tolerance/Limitations | Urban Tolerant Tree |   |
| Smoketree, American          | <i>Cotinus obovatus</i>                      | 150                              | 1   | Very Small            | L                     |                         | x                     |              |                              |          |                                   | x                 | S                                | VS                              | Oval              | 15-30                               | 10-25                               | DB        | M            | MU              | P            | 1              | Spring         |  |                                  | Y           | M                 | S                         | n/a           | D                 | H                 | sl ac-sl alk      | PS                                 | n/a                 | X |
| Smoketree, Common            | <i>Cotinus coggygia</i>                      | 150                              | 1   | Very Small            | L                     |                         | ix                    |              |                              |          |                                   | ix                | S                                | VS                              | Oval              | 10-15                               | 10-15                               | DB        | IM           | IMU             | P            | 1              | Late Spring    |  |                                  | N           | M                 | S                         | n/a           | D                 | H                 | sl ac-sl alk      | FS                                 | n/a                 | X |
| Sourwood                     | <i>Oxydendrum arboreum</i>                   | 900                              | 2   | Medium                | C                     | XX                      | x                     | x            |                              |          |                                   |                   | M                                | M                               | Spreading         | 30-60                               | 20-30                               | DB        | M            | RE              | W            | 1              | Summer         |  |                                  | Y           | M                 | S                         | 0.018         | M                 | M                 | ac-sl ac          | FS                                 | P/A                 |   |
| Sparkleberry, Tree           | <i>Vaccinium arboreum</i>                    | 150                              | 1   | Very Small            | C                     |                         | x                     |              |                              |          |                                   | x                 | S                                | VS                              | Irregular         | 10-20                               | 5-10                                | DB        | F            | RE              | W            | 1              | Late Spring    | X  |                                  | Y           | S                 | S                         | n/a           | M                 | M                 | ac-sl alk         | S                                  | M/A                 |   |
| Spruce Varieties             | <i>Picea species</i>                         | 900                              | 1   | Medium                | N                     |                         |                       |              |                              |          |                                   |                   | L                                | M                               |                   |                                     |                                     |           |              |                 |              |                |                |  |                                  | N           |                   |                           |               |                   |                   |                   |                                    |                     |   |
| Sugarberry                   | <i>Celtis laevigata</i>                      | 1,600                            | 1   | Large                 | C                     | x                       | 1                     | x            |                              |          | 0                                 | x                 | L                                | L                               | Spreading         | 60-80                               | 25-60                               | DB        | F/M          | YE              | I            |                |                | X  |                                  | Y           | M                 | M                         | 0.118         | M                 | M                 | ac                | FS                                 | G/I                 |   |
| Sweetgum                     | <i>Liquidambar styraciflua</i>               | 1,600                            | 1   | Large                 | C                     | x                       | 0                     | x            | 0                            | 0        | 1                                 | x                 | L                                | L                               | Oval              | 60-80                               | 40-60                               | DB        | M            | MU              | I            |                |                | X  | X                                | Y           | F                 | L                         | -0.488        | M                 | L                 | sl ac             | FS                                 | G/                  |   |
| Sweetgum, Fruitless          | <i>Liquidambar styraciflua</i> 'Rotundiloba' | 1,600                            | 2   | Large                 | P                     | x                       | 1                     | x            | x                            |          |                                   |                   | L                                | L                               | Oval              | 50-70                               | 35-45                               | DB        | C            | IMU             | I            |                |                |  |                                  | Y           | M                 | M                         | n/a           | M                 | L                 | ac-sl alk         | FS                                 | n/a                 |   |
| Sycamore                     | <i>Platanus occidentalis</i>                 | 1,600                            | 2   | Large                 | P                     | x                       | 1                     | x            | x                            |          |                                   | 1                 | L                                | L                               | Oval              | 70-100                              | 30-70                               | DB        | C            | BR              | I            |                |                | X  |                                  | Y           | F                 | M                         | -0.789        | M                 | M                 | sl ac-sl alk      | FS                                 | G/                  |   |
| Tallowtree, Chinese          | <i>Sapium sebiferum</i>                      | 900                              | 1   | Medium                | N                     |                         |                       |              |                              |          |                                   |                   | M                                | M                               |                   |                                     |                                     |           |              |                 |              |                |                |  |                                  | N           |                   |                           |               |                   |                   |                   |                                    |                     |   |
| Tree-of-Heaven (Allanthurus) | <i>Allanthurus altissima</i>                 | 900                              | 1   | Medium                | N                     |                         |                       |              |                              |          |                                   |                   | M                                | M                               |                   |                                     |                                     |           |              |                 |              |                |                |  |                                  | N           |                   |                           |               |                   |                   |                   |                                    |                     |   |
| Walnut, Black                | <i>Juglans nigra</i>                         | 1,600                            | 1   | Large                 | C                     | x                       | 1                     | 0            | x                            | 0        | 0                                 | 1                 | L                                | L                               | Rounded           | 60-70                               | 50-70                               | DB        | M            | YE              | I            |                |                | X  | X                                | Y           | M                 | L                         | 0.086         | M                 | L                 | acidic            | FS                                 | P/IS                |   |
| Waxmyrtle, Southern          | <i>Myrica cerifera</i>                       | 150                              | 1   | Very Small            | P                     |                         | x                     | x            |                              |          | 1                                 | ix                | S                                | VS                              | Multi-Stemmed     | 10-30                               | 10-30                               | EB        | F            | EV              | I            |                |                | X  |                                  | N           | M                 | S                         | n/a           | M                 | M                 | ac-alk            | FS                                 | G/                  |   |
| Willow, Black                | <i>Salix nigra</i>                           | 900                              | 1   | Medium                | C                     | x                       | 1                     | 0            | 1                            | 0        | 1                                 | ix                | M                                | M                               | Irregular         | 30-40                               | 30-40                               | DB        | F/M          | YE              | I            |                |                |  |                                  | Y           | F                 | S                         | -0.177        | W                 | L                 | n/a               | FS                                 | G/                  |   |
| Willow, Weeping              | <i>Salix babylonica</i>                      | 1,600                            | 1   | Large                 | L                     | x                       | 1                     | 0            | x                            | 0        | 0                                 | 1                 | L                                | L                               | Rounded           | 30-70                               | 20-70                               | DB        | F/M          | YE              | I            |                |                |  |                                  | N           | F                 | M                         | -0.096        | W                 | M                 | acidic            | FS                                 | mg                  |   |
| Winterberry, Common          | <i>Ilex verticillata</i>                     | 150                              | 1   | Very Small            | P                     | x                       | x                     | x            |                              |          | 1                                 | ix                | S                                | VS                              | Multi-Stemmed     | 5-15                                | 5-10                                | DB        | M            | I               | I            |                |                | X  |                                  | Y           | M                 | S                         | n/a           | M                 | L                 | ac                | FS                                 | G/                  |   |
| Witchhazel, Common           | <i>Hamamelis virginiana</i>                  | 400                              | 1   | Small                 | P                     | x                       | 1                     | x            |                              |          | 1                                 | ix                | S                                | S                               | Spreading         | 20-35                               | 20-35                               | DB        | M/C          | YE              | Y            | 1              | Fall           |  |                                  | Y           | M                 | M                         | -0.009        | M                 | M                 | sl ac             | PS                                 | M/IS                |   |
| Yellowwood, American         | <i>Cladrastis kentukea</i>                   | 900                              | 2   | Medium                | L                     | x                       | 1                     | x            | x                            |          |                                   | 1                 | M                                | M                               | Upright           | 30-50                               | 40-50                               | DB        | M/C          | YE              | W            | 1              | Spring         |  |                                  | N           | M                 | M                         | 0.013         | M                 | M                 | n/a               | PS                                 | P/A                 |   |
| Zelkova, Japanese            | <i>Zelkova serrata</i>                       | 1,600                            | 1   | Large                 | L                     |                         | x                     | x            | ix                           |          | 1                                 | 0                 | L                                | L                               | Upright           | 40-80                               | 30-75                               | DB        | M            | RE              | I            |                |                |  |                                  | N           | M                 | M                         | 0.084         | M                 | H                 | ac-sl alk         | FS                                 | n/a                 | X |

1 = trees that will project significant shade, intercept enough water, substantially filter out pollutants, and survive the conditions within a parking area to the extent they could be considered a "canopy" tree.  
 2 = same as 1, except that these trees are ONLY appropriate for large, expanded tree islands or landscape strips, swales, or moist soil conditions with plenty of rooting space.