

## PLANTING SUGGESTIONS FOR RAIN GARDENS AND GENERAL LANDSCAPES

| Plant Common Names                            | Scientific Names           | deer resistant | FullSun/PartShade /Full Shade | Flower/ Bloom | Height/ Spread (ft) | Soil Hyd. | Drought tolerance | Growth Rate | Bloom Period Spr/S/F/W |
|-----------------------------------------------|----------------------------|----------------|-------------------------------|---------------|---------------------|-----------|-------------------|-------------|------------------------|
| <b>GRASS/ GARDEN BASE</b> most wet conditions |                            |                |                               |               |                     |           |                   |             |                        |
| <u>Common Rush</u>                            | Juncus effusus             | high           | FS                            | yellow/ green | 2-4 / 2-4           | Moist-Wet | med               | med         | Spr-S                  |
| <u>Feather Reed Grass</u>                     | Calamagrostis x acutiflora | high           | FS to Sh                      | green         | 3-5 / 1-3           | Moist     | med               | fast        | S                      |

|                                             |                     |      |          |               |           |           |     |      |     |
|---------------------------------------------|---------------------|------|----------|---------------|-----------|-----------|-----|------|-----|
| <b>GRASS/ GARDEN SLOPE</b> moist conditions |                     |      |          |               |           |           |     |      |     |
| <u>Big Bluestem</u>                         | Andropogon gerardii | med  | FS       | none          | 4-8 / 2-3 | Dry-Moist | med | slow | S-F |
| <u>Indian Grass</u>                         | Sorghastrum nutans  | high | FS       | yellow/ brown | 3-5 / 1-4 | Dry-Moist | med | fast | S-W |
| <u>Switch Grass</u>                         | Panicum virgatum    | high | FS-PSH   | pink          | 1-5 / 1-5 | Dry-Wet   | med | fast | S-W |
| <u>Virginia Wild rye</u>                    | Elymus virginicus   | high | FS to Sh | green         | 2-4 / 1-2 | Dry-Wet   | med | fast | S-F |

|                                                            |                         |      |        |                   |              |           |      |      |       |
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| <b>GRASS/ GROUNDCOVERS GARDEN BUFFER</b> dryest conditions |                         |      |        |                   |              |           |      |      |       |
| <u>Broomsedge</u>                                          | Andropogon virginicus.  | high | FS     | red/yellow /brown | 2-4 / 2-4    | Dry-Moist | high | slow | S-F   |
| <u>Kinnikinnick/ Bearberry</u>                             | Arctostaphylos uva-ursi | high | FS-PSH | pink/ white       | 0.5 -1 / 2-4 | Dry       | high | slow | Spr-S |
| <u>Little Bluestem</u>                                     | schizachyrium scoparium | med  | FS-PSH | blue- purple      | 2-4 / 1-2    | Dry       | high | med  | S     |

|                            |                  |      |        |      |           |         |     |      |     |
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| <b><u>Switch Grass</u></b> | Panicum virgatum | high | FS-PSh | pink | 1-5 / 1-5 | Dry-Wet | med | fast | S-W |
|----------------------------|------------------|------|--------|------|-----------|---------|-----|------|-----|

| PERENNIALS/<br>GARDEN BASE             | most wet conditions         |      |          |                   |               |           |      |          |          |
|----------------------------------------|-----------------------------|------|----------|-------------------|---------------|-----------|------|----------|----------|
| <b><u>Boneset</u></b>                  | Eupatorium perfoliatum      | high | FS-PSh   | white             | 3-6 / 3-4     | Moist-Wet | low  | med      | S-F      |
| <b><u>Blue Lobelia</u></b>             | Lobelia siphilitica         | med  | FS to Sh | blue-purple       | 2-3 / 1-1.5   | Moist-Wet | low  | med      | S-F      |
| <b><u>Blueflag Iris</u></b>            | Iris versicolor             | high | FS-PSh   | blue-purple       | 2-2.5 / 2-2.5 | Moist-Wet | none | slow     | Late Spr |
| <b><u>Blue Vervain/Verbena</u></b>     | Verbena hastata             | med  | FS-PSh   | blue-purple       | 2-6 / 1-2.5   | Moist-Wet | low  | med      | Spr-F    |
| <b><u>Cardinal Flower</u></b>          | Lobelia Cardinalis          | med  | FS to Sh | red               | 2-4 / 1-3     | Moist-Wet | med  | med      | S-F      |
| <b><u>Giant Purple Hyssop</u></b>      | Agastache scrophulariifolia | med  | PSh-Sh   | pink-purple-white | 3-6 / 2-3     | Moist-Wet | low  | med-fast | Late S-F |
| <b><u>Joe Pye weed</u></b>             | Eutrochium purpureum        | high | FS-PSh   | pink-purple       | 5-7 / 2-4     | Moist     | low  | med      | S-F      |
| <b><u>March Margold</u></b>            | Calthus palustris           | high | FS-PSh   | yellow            | 1-1.5 / 1-1.5 | Moist-Wet | none | slow     | Spr-S    |
| <b><u>Monkey Flower</u></b>            | Mimilus ringens             | med  | FS-PSh   | purple            | 1-3 / .75-1   | Moist-Wet | none | med      | S        |
| <b><u>Purple-headed sneezeweed</u></b> | Helenium flexuosum          | high | FS-PSh   | yellow            | 1.5-3 / 1-2   | Moist-Wet | low  | med      | Spr-S    |
| <b><u>Royal Fern</u></b>               | Osmunda regalis             | high | PSh-Sh   | fern              | 3-5 / 2-3     | Moist-Wet | low  | med      | X        |
| <b><u>Spotted Joe Pye weed</u></b>     | Eupatorium maculatum        | med  | FS-PSh   | pink-purple       | 3-5 / 2-4     | Dry-Wet   | low  | med      | Late S-F |

|                                             |                        |      |        |      |           |         |     |     |   |
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| <b><u>swamp milkweed-<br/>Incarnata</u></b> | Asclepias<br>incarnata | high | FS-PSh | pink | 4-5 / 2-3 | Dry-Wet | low | med | S |
|---------------------------------------------|------------------------|------|--------|------|-----------|---------|-----|-----|---|

| PERENNIALS/<br>GARDEN SLOPE moist conditions |                             |      |        |                        |               |           |      |              |            |
|----------------------------------------------|-----------------------------|------|--------|------------------------|---------------|-----------|------|--------------|------------|
| <b><u>Blazing Star</u></b>                   | Liatris spicata             | med  | FS     | purple                 | 2-4 / .75-1   | Dry-Moist | med  | med          | S          |
| <b><u>Cinnamon Fern</u></b>                  | Osmunda<br>cinnamomea       | high | PSh-Sh | fern                   | 2-5 / 3-4     | Moist-Wet | low  | med          | x          |
| <b><u>Columbine</u></b>                      | Aquilegia spp.              | high | FS-PSh | multi                  | 1-3 / 1-1.5   | Dry-Moist | high | med-fast     | Spr-S      |
| <b><u>Coreopsis</u></b>                      | Coreopsis                   | med  | FS-PSh | red/orange<br>/ yellow | 1-2 / 1-2     | Dry-Moist | high | med          | S          |
| <b><u>Culver's Root</u></b>                  | Veronicastrum<br>virginicum | med  | FS-PSh | blue-white             | 2-6 / 2-4     | Moist     | low  | slow-<br>med | S          |
| <b><u>Eastern Bluestar</u></b>               | Amsonia<br>tabernaemontana  | med  | FS-PSh | blue                   | 2-3 / 2-3     | Dry-Moist | med  | med          | Late Spr-S |
| <b><u>Goldenrod -Showy</u></b>               | Solidago speciosa           | med  | FS-PSh | yellow                 | 2-4 / 2-4     | Dry-Moist | high | med          | S-F        |
| <b><u>New York Ironweed</u></b>              | Vernonia<br>noveboracensis  | med  | FS     | purple                 | 4-6 / 3-4     | Dry-Moist | low  | med          | late S-F   |
| <b><u>New England Aster</u></b>              | Aster novae-<br>angliae     | med  | FS-PSh | pink/<br>purple        | 2.5-6 / 2-3   | Moist     | low  | med          | late S-F   |
| <b><u>New York Aster</u></b>                 | Aster novi-belgii           | med  | FS     | purple                 | 3-5 / 2-4     | Dry-Moist | low  | med          | S-F        |
| <b><u>Obedient Plant</u></b>                 | Physostegia<br>Virginiana   | med  | FS-PSh | pink/<br>purple        | 3-4 / 2-3     | Dry-Moist | med  | med          | S          |
| <b><u>Pink tickseed</u></b>                  | Coreopsis rosea             | high | FS-PSh | pink purp-<br>yellow   | 1-2 / 1.5-2.5 | Dry-Moist | low  | med          | Spr-F      |
| <b><u>Scarlet Beebalm</u></b>                | Monarda didyma              | med  | FS     | red                    | 2-4 / 2-3     | Moist     | none | med          | Late Spr-S |

| PERENNIALS/<br>GARDEN BUFFER      most dry<br>conditions |                         |      |          |                  |               |           |      |      |       |
|----------------------------------------------------------|-------------------------|------|----------|------------------|---------------|-----------|------|------|-------|
| <u>bee balm - Bergamot</u>                               | Monarda fistulosa       | high | FS       | pink-purple      | 2-5 / 2-3     | Dry       | med  | med  | S- F  |
| <u>Blue False Indigo</u>                                 | Baptisia australis      | high | FS-PSh   | purple           | 3-5 / 3-4     | Dry       | high | slow | Spr-S |
| <u>Butterfly Weed</u>                                    | Asclepias tuberosa      | med  | FS       | orange           | 1.503 / 1-2   | Dry       | high | slow | Spr-S |
| <u>Catmint</u>                                           | Nepeta cataria          | high | FS-PSh   | purple           | 2-3 / 2-3     | Dry-Moist | high | fast | Spr-S |
| <u>Garden Phlox</u>                                      | Phlox paniculata        | med  | FS-PSh   | pink-purple      | 2-4 / 2-3     | Dry-Moist | low  | med  | S     |
| <u>Goldenrod -Seaside</u>                                | Solidago sempervirens   | med  | FS       | yellow           | 2-6 / 2-3     | Dry       | med  | med  | S-F   |
| <u>Hyssop</u>                                            | Hyssopus officinalis    | high | FS-PSh   | blue-purple      | 1.5-2 / 1-1.5 | Dry       | med  | med  | Spr-F |
| <u>Jacob's ladder</u>                                    | Polemonium reptans      | high | FS to Sh | pink-blue-purple | 1-1.5 / 1-1.5 | Moist-Wet | low  | med  | Spr   |
| <u>Orange cone flower</u>                                | Rudbeckia fulgida       | med  | FS-PSh   | orange-yellow    | 2-3 / 2-2.5   | Dry-Moist | med  | fast | Spr-F |
| <u>Purple Coneflower</u>                                 | Echinacea purpurea      | med  | FS-PSh   | pink-purple      | 2-4 / 1.5-2   | Dry-Moist | med  | med  | S     |
| <u>Smooth Oxeye</u>                                      | Heliopsis helianthoides | high | FS       | orange-yellow    | 3-5 / 1-4     | Dry-Moist | high | med  | S- F  |
| <u>White wood aster</u>                                  | Eurybia divaricata      | high | PSh-Sh   | white            | 1-2.5 / 1-2   | Dry       | med  | med  | S- F  |
| <u>Wild Geranium</u>                                     | Geranium maculatum      | high | FS-PSh   | pink-purple      | 1.5-2 / 1-2   | Dry-Moist | med  | med  | Spr-S |

|                       |                        |
|-----------------------|------------------------|
| SHRUBS<br>GARDEN BASE | most wet<br>conditions |
|-----------------------|------------------------|

|                                |                            |      |        |                      |             |           |      |      |            |
|--------------------------------|----------------------------|------|--------|----------------------|-------------|-----------|------|------|------------|
| <u>buttonbush</u>              | Cephalanthus occidentalis  | high | FS-PSh | white                | 6-15 / 5-8  | Moist-Wet | med  | med  | Late Spr-S |
| <u>cranberry bush viburnum</u> | Viburnum opulus var. amer. | med  | FS-PSh | white                | 6-12 / 8-12 | Moist     | none | slow | Spr-S      |
| <u>inkberry *</u>              | Ilex glabra                | med  | FS-PSh | wh-green/<br>berry   | 6-8 / 8-10  | Moist-Wet | low  | slow | Spr        |
| <u>winterberry</u>             | Ilex verticillata          | med  | FS-PSh | gr-wh / red<br>berry | 6-12 / 6-10 | Moist-Wet | low  | med  | Spr-S      |

| SHRUBS<br>GARDEN SLOPE moist conditions |                    |     |          |                      |             |           |     |      |       |
|-----------------------------------------|--------------------|-----|----------|----------------------|-------------|-----------|-----|------|-------|
| <u>redosier (red twig) dogwood</u>      | Cornus sericea     | med | white    | white                | 7-9 / 5-10  | Dry-Wet   | low | fast | Spr-S |
| <u>summersweet-Clethra</u>              | Clenthra alnifolia | med | FS to Sh | white                | 4-8 / 4-6   | Dry-Moist | low | med  | S     |
| <u>winterberry</u>                      | Ilex verticillata  | med | FS-PSh   | gr-wh / red<br>berry | 6-12 / 6-10 | Moist-Wet | low | med  | Spr-S |

| SHRUBS<br>GARDEN BUFFER most dry conditions |                      |      |        |                    |             |           |      |      |       |
|---------------------------------------------|----------------------|------|--------|--------------------|-------------|-----------|------|------|-------|
| <u>Arrowwood</u>                            | Viburnum dentatum    | med  | FS-PSh | white-yellow       | 6-15 / 6-15 | Dry-Moist | med  | med  | Spr-S |
| <u>New Jersey tea</u>                       | Ceanothus americanus | high | FS-PSh | white              | 3-4 / 3-5   | Dry       | high | slow | Spr-S |
| <u>red elderberry</u>                       | Sambucus racemosa    | high | FS-PSh | white/red<br>berry | 8-12 / 8-12 | Dry-Moist | med  | fast | Spr-S |
| <u>Sheep laurel</u>                         | Kalmia angustifolia  | high | FS-PSh | pink               | 1-3 / 1-5   | Dry-Wet   | med  | slow | Spr-S |
| <u>Shrubby St. John's Wort</u>              | Hypericum prolificum | high | FS-PSh | yellow             | 1-5 / 1-4   | Dry-Moist | high | s-m  | S     |

|                          |                     |             |                 |              |             |            |      |      |     |
|--------------------------|---------------------|-------------|-----------------|--------------|-------------|------------|------|------|-----|
| <b><u>Spicebush</u></b>  | Lindera benzoin     | <i>med</i>  | <b>FS to Sh</b> | yellow-white | 6-12 / 6-12 | <b>Dry</b> | low  | slow | Spr |
| <b><u>sweet fern</u></b> | Comptonia peregrina | <b>high</b> | <b>PSh</b>      | none         | 2-4 / 4-6   | <b>Dry</b> | high | slow | X   |

These are a list of suggested plantings, with specific locations within a rain garden/small bioretention basin  
All plantings may be utilized in general landscaping practices as well.

