

Seed Catalog Key

Ref Number* *Scientific name*

Common name *Synonymous name*

Life cycle Bloom time Flower color

Moisture regime Exposure Mature height

Comments Germination Code

**Ref Numbers beginning with the letter A are late additions*

Common Name Index is at the back of the catalog.

ASTERS Note that most of the asters have been given **new scientific names**. The old names are listed as synonyms. The scientific community changed these names because it was determined that what was formerly the *Aster* genus is really comprised of multiple genera. The Common Name Index still lists these species as Asters.

Germination Codes

A NEEDS NO PRE-TREATMENT

B REQUIRES COLD STRATIFICATION

Outdoor Method: Sow seed outdoors (in container or ground) early enough to provide 8 to 12 weeks of moist, cold conditions below 50° F.

Refrigerator Method: Mix seed with damp sand, peat moss, or milled sphagnum peat, or sow seed in a container of potting mix. Place seed mixture or the container in a plastic bag and refrigerate (not freeze) for 8 to 12 weeks before sowing the seed mixture or germinating in the container.

C REQUIRES WARM FOLLOWED BY COLD STRATIFICATION

Sow seed outdoors (in container or ground) early enough to provide 8 to 12 weeks of warm (70° F), moist conditions followed by 8 to 12 weeks of moist, cold conditions below 50° F (See Code B above). If sown in winter, may take 2 years to germinate.

D MAY BENEFIT FROM SCARIFICATION OR PRE-SOAKING

Scarify seed by scratching seed coat with sandpaper or a file before sowing; or place seed in hea- resistant container and cover with hot tap water. Allow to soak overnight, drain, and sow.

E MAY BE DIFFICULT OR SLOW TO GERMINATE BECAUSE OF DRY STORAGE

Using fresh seed is preferred.

F SEEDS ARE SMALL OR NEED LIGHT TO GERMINATE

Sow seed on the surface of fine soil or milled sphagnum moss and keep the surface moist.

W WETLAND SPECIES

Soil surface should remain constantly wet. If seed is sown in a pot, place the pot in another container filled with water to maintain a gleam of water on the soil surface.

Common Name Index

| | | |
|-----------------------------|------------------------------|-------------------------|
| 65 Agave, Hardy | 52 Hydrangea, Wild | 94 Starry Campion |
| 50 Alum-root, Silver-veined | 2 Hyssop, Giant Purple | 49 Sunflower, False |
| 106 Aster, Blue wood | 1 Hyssop, Giant yellow | 48 Sunflower, Giant |
| 108 Aster, New England | 104 Indian grass | 56 Sweetspire, Virginia |
| 109 Aster, New York | 14 Indigo, Blue False- | 71 Switchgrass |
| 44 Aster, Showy | 77 Ipecac, American | 10 Thimbleweed |
| 107 Aster, Smooth blue | 117 Ironweed, New York | 29 Tickseed, Tall |
| 110 Aster, Swamp | 116 Ironweed, Upland | 21 Turtlehead |
| 43 Aster, White wood | 76 Jacob's-ladder, Spreading | 115 Vervain, Blue |
| 82 Azalea, Flame | 37 Joe-pye-weed | 3 Water-plantain |
| 69 Bayberry | 38 Joe-pye-weed | 5 Wild leek |
| 72 Beard-tongue, Foxglove | 41 Joe-pye-weed | 64 Winged loosestrife |
| 73 Beard-tongue, Small's | 40 Joe-pye-weed, Spotted | 15 Wood-mint |
| 68 Bergamot, Lavender | 57 Laurel, Mountain | 91 Wool-grass |
| 9 Big bluestem | 24 Leather-flower | |
| 58 Blazing-star, Northern | 26 Leather-flower | |
| 7 Bluestar | 59 Lily, Canada | |
| 6 Bluestar, Arkansas | 60 Lily, Turk's-cap | |
| 8 Bluestar, hybrid | 90 Little Bluestem | |
| 46 Bluets, Mountain | 62 Lobelia, Great Blue | |
| 16 Boltonia, Aster-like | 63 Maleberry | |
| 39 Boneset, Hyssop-leaved | 81 Meadow-beauty | |
| 34 Bottlebrush-grass | 111 Meadow-rue, Purple | |
| 87 Brown-eyed-susan | 11 Milkweed, Swamp | |
| 12 Butterfly-weed | 36 Mistflower | |
| 61 Cardinal-flower | 67 Monkey-flower, | |
| 17 Carolina Allspice | 66 Monkey-flower, Winged | |
| 112 Carolina-lupine | 78 Mountain-mint, Hoary | |
| 93 Catchfly, Royal | 79 Mountain-mint, Narrow- | |
| 25 Clematis, Purple | leaved | |
| 23 Cohosh, Heartleaf | 4 Onion, Nodding | |
| 32 Coneflower, hybrid | 13 Pawpaw | |
| 85 Coneflower, Orange | 27 Pepperbush, Mountain | |
| 80 Coneflower, Prairie | 28 Pepperbush, Sweet | |
| 86 Coneflower, Tall | 30 Persimmon | |
| 74 Ditch stonecrop | 88 Petunia, Carolina Hardy | |
| 33 Elephant's Foot | 75 Phlox, Summer | |
| 42 Eupatorium, Round-leaved | 105 Prairie Dropseed | |
| 22 Golden aster | 35 Rattlesnake-master | |
| 118 Golden-alexander | 19 Redbud | |
| 97 Goldenrod, Early | 84 Rose, Pasture | |
| 98 Goldenrod, Gray | 83 Rosebay | |
| 102 Goldenrod, Seaside | 51 Rose-mallow, Swamp | |
| 103 Goldenrod, Showy | 89 Sage, Lyre-leaved | |
| 100 Goldenrod, Spreading | 20 Sea-oats; River-oats | |
| 101 Goldenrod, Stiff | 92 Senna, Wild | |
| 99 Goldenrod, Sweet | 31 Shooting-star | |
| 95 Goldenrod, Wreath | 45 Silverbell-tree | |
| 96 Goldenrod, Zig-zag | 70 Sourwood | |
| 47 Helen's-flower | 113 Spiderwort, Ohio | |
| 18 Hornbeam | 114 Spiderwort, Virginia | |
| 53 Hydrangea, Oak-leaf | 55 St. John's-wort, Great | |
| | 54 St. John's-wort, Shrubby | |

| # | Genus Species | Common Name | Synonym | Habit | Bloom | Color | Soil moisture | Sun Shade | Height | Notes | Germ Code |
|-----------|------------------------------------|----------------------|---------|---------------------------|-----------|--------|---------------------|------------------|-------------|-------------------------|-----------|
| <u>1</u> | <i>Agastache nepetoides</i> | Hyssop, Giant yellow | | Herbaceous perennial | July-Sept | Yellow | Avg. moisture | Full sun | 4-7 feet | Attracts butterflies | B |
| <u>2</u> | <i>Agastache scrophulariifolia</i> | Hyssop, Giant Purple | | Herbaceous perennial | Aug-Sep | Purple | Avg. moisture | Part shade | 2-4 feet | Butterflies! | B |
| <u>3</u> | <i>Alisma subcordatum</i> | Water-plantain | | Herbaceous perennial | July-Aug | White | Wet soil | Full sun | 2-3 feet | Pool margins | A, W |
| <u>4</u> | <i>Allium cernuum</i> | Onion, Nodding | | Herbaceous perennial | July | Pink | Avg. moisture | Full sun | 1 foot | Drought tolerant | B |
| <u>5</u> | <i>Allium tricoccum</i> | Wild leek | | Herbaceous perennial | July | White | Moist soil | Part shade-shade | 6-18 inches | Also known as ramps | B |
| <u>6</u> | <i>Amsonia hubrectii</i> | Bluestar, Arkansas | | Herbaceous perennial | May-June | Blue | Avg. moisture | Sun-part shade | 3-4 feet | Fine-textured | B |
| <u>7</u> | <i>Amsonia tabernaemontana</i> | Bluestar | | Herbaceous perennial | May-June | Blue | Avg. moisture | Sun-part shade | 2-3 feet | Yellow fall color | B |
| <u>8</u> | <i>Amsonia X hubr-taber</i> | Bluestar, hybrid | | Herbaceous perennial | May-June | Blue | Avg. moisture | Sun-part shade | 2-3 feet | Hubr-Taber cross | B |
| <u>9</u> | <i>Andropogon gerardii</i> | Big bluestem | | Grass | Aug-Sep | Green | Moist-dry soil | Full sun | 4-6 feet | Deer resistant grass | A |
| <u>10</u> | <i>Anemone virginiana</i> | Thimbleweed | | Herbaceous perennial | June | White | Avg. moisture | Part shade-sun | 2-3 feet | Attractive seed head | B |
| <u>11</u> | <i>Asclepias incarnata</i> | Milkweed, Swamp | | Herbaceous perennial | August | Pink | Moist-wet soil | Full sun | 4 feet | Butterflies! | B |
| <u>12</u> | <i>Asclepias tuberosa</i> | Butterfly-weed | | Herbaceous perennial | July-Aug | Orange | Dry soil | Full sun | 2 feet | Butterflies! | B |
| <u>13</u> | <i>Asimina triloba</i> | Pawpaw | | Deciduous tree | April-May | Brown | Moist soil | Sun-part shade | to 25 feet | Edible fruit | B |
| <u>14</u> | <i>Baptisia australis</i> | Indigo, Blue False- | | Herbaceous perennial | May-June | Blue | Avg. moisture | Full sun | 3-4 feet | Black ornamental pods | B, D |
| <u>15</u> | <i>Blephilia hirsuta</i> | Wood-mint | | Herbaceous perennial | May-Aug | Purple | Moist-wet soil | Part shade-shade | 2-3 feet | Aromatic | B |
| <u>16</u> | <i>Boltonia asteroides</i> | Boltonia, Aster-like | | Herbaceous perennial | Aug-Sep | White | Avg.-wet soil | Full sun | 3 feet | Rare in PA | B, F |
| <u>17</u> | <i>Calycanthus floridus</i> | Carolina Allspice | | Deciduous shrub | May | Maroon | Moist soil | Full sun | to 6 feet | Fruity fragrant flowers | B |
| <u>18</u> | <i>Carpinus caroliniana</i> | Hornbeam | | Deciduous tree | April-May | Green | Moist soil | Part shade | to 20 feet | Pretty understory tree | C |
| <u>19</u> | <i>Cercis canadensis</i> | Redbud | | Deciduous tree | April-May | Pink | Avg. moisture | Sun-part shade | to 30 feet | Springtime favorite | B, D |
| <u>20</u> | <i>Chasmanthium latifolium</i> | Sea-oats; River-oats | | Grass | August | Green | Avg.-moist soil | Sun-part shade | 2-5 feet | Ornamental spikelets | A |
| <u>21</u> | <i>Chelone glabra</i> | Turtlehead | | Herbaceous perennial | Aug-Sep | White | Moist-wet soil | Sun-part shade | 1-3 feet | Late-season flowers | B, F |
| <u>22</u> | <i>Chrysopsis mariana</i> | Golden aster | | Herbaceous perennial | Aug-Oct | Yellow | Dry soil | Full sun | 1-2 feet | Good rock garden plant | B |
| <u>23</u> | <i>Cimicifuga rubifolia</i> | Cohosh, Heartleaf | | Herbaceous perennial | Aug-Sep | White | Moist, well-drained | Part shade-shade | 3-5 feet | Hardy southern native | C |
| <u>24</u> | <i>Clematis glaucophylla</i> | Leather-flower | | Herbaceous perennial vine | June-Aug | Pink | Avg.-moist soil | Sun-part shade | 12-15 feet | Blue green foliage | C |

| | | | | | | | | | | | |
|-----------|---|-----------------------------|--------------------------------|-------------------------------|----------------|---------------|---------------------|-------------------------|--------------|------------------------------|------|
| <u>25</u> | <i>Clematis occidentalis</i> | Clematis, Purple | | Deciduous vine | April- May | Purple | Moist, well-drained | Sun-part shade | 9 feet | Early spring color | C |
| <u>26</u> | <i>Clematis viorna</i> | Leather-flower | | Herb. perennial vine | June- July | Pink | Avg.-wet soil | Part shade-sun | 4-6 feet | Bell-shaped flowers | C |
| <u>27</u> | <i>Clethra acuminata</i> | Pepperbush, Mountain | | Deciduous shrub or tree | July | White | Avg. moisture | Part shade | 8-12 feet | Peeling cinnamon bark | A, F |
| <u>28</u> | <i>Clethra alnifolia</i> | Pepperbush, Sweet | | Deciduous shrub | July- Aug | White | Moist-wet soil | Part shade-sun | 3-8 feet | Fragrant flowers | A, F |
| <u>29</u> | <i>Coreopsis tripteris</i> | Tickseed, Tall | | Herbaceous perennial | Aug- Sep | Yellow | Avg. moisture | Full sun | 5-7 feet | Butterflies! goldfinches! | B |
| <u>30</u> | <i>Diospyros virginiana</i> | Persimmon | | Deciduous tree | May- June | White | Avg moisture | Full sun | to 40 feet | Edible fruit on females | B |
| <u>31</u> | <i>Dodecatheon meadia</i> | Shooting-star | | Herbaceous perennial | April- May | Pink or white | Avg. moisture | Part shade | 8-24 inches | Endangered in PA | B |
| <u>32</u> | <i>Echinacea species</i> | Coneflower, hybrid | | Herbaceous perennial | July- Sep | Pink-lavender | Avg. moisture | Full sun | 2-3 feet | Mixed parentage | B |
| <u>33</u> | <i>Elephantopus carolinianus</i> | Elephant's Foot | | Herbaceous perennial | Sep | Blue-lavender | Avg. moisture | Sun-part shade | 2 feet | Deer resistant; tough | A |
| <u>34</u> | <i>Elymus hystrix</i> | Bottlebrush- grass | | Grass | June | Green | Avg. moisture | Part shade | 3-5 feet | Textural accent | A |
| <u>35</u> | <i>Eryngium yuccifolium</i> | Rattlesnake- master | | Herbaceous perennial | July- Sep | White | Moist-dry soil | Full sun | 3 feet | Interesting seed heads | B |
| <u>36</u> | <i>Eupatorium coelestinum</i> | Mistflower | | Herbaceous perennial | Aug- Nov | Blue-lavender | Avg. moisture | Sun-part shade | 1-3 feet | Vigorous spreader | A, F |
| <u>37</u> | <i>Eupatorium dubium</i> | Joe-pye-weed | | Herbaceous perennial | July- Aug | Pink | Moist soil | Full sun | 3-4 feet | Butterflies! | A, F |
| <u>38</u> | <i>Eupatorium fistulosum</i> | Joe-pye-weed | | Herbaceous perennial | July- Aug | Pink-lavender | Moist soil | Sun-part shade | 6-8 feet | Butterflies! | A, F |
| <u>39</u> | <i>Eupatorium hyssopifolium</i> | Boneset, Hyssop-leaved | | Herbaceous perennial | Sep | White | Avg. moisture | Full sun | 3 feet | Deer resistant | A, F |
| <u>40</u> | <i>Eupatorium maculatum</i> | Joe-pye-weed, Spotted | | Herbaceous perennial | July- Aug | Rose | Moist-wet soil | Sun-part shade | 4-6 feet | Butterflies! | A, F |
| <u>41</u> | <i>Eupatorium purpureum</i> | Joe-pye-weed | | Herbaceous perennial | July- Sep | Pink-lavender | Moist-avg soil | Sun-part shade | 4-6 feet | Butterflies! | A, F |
| <u>42</u> | <i>Eupatorium rotundifolium</i> | Eupatorium, Round-leaved | | Herbaceous perennial | July- Oct | White | Avg. moisture | Full sun | 2-4 feet | | B, F |
| <u>43</u> | <i>Eurybia divaricata</i> | Aster, White wood | <i>Aster divaricatus</i> | Herbaceous perennial | Aug- Sep | White | Avg. moisture | Part shade- shade | 1.5-2.5 feet | Wonderful fall flowers! | B |
| <u>44</u> | <i>Eurybia spectabilis</i> | Aster, Showy | <i>Eurybia spectabilis</i> | Herbaceous perennial | Sep- Oct | Purple | Avg.-dry soil | Full sun | 1 foot | Drought tolerant | B |
| <u>45</u> | <i>Halesia carolina</i> | Silverbell-tree | | Deciduous tree | April | White | Avg. moisture | Sun-part shade | to 30 feet | Dangling bells | C |
| <u>46</u> | <i>Hedyotis purpurea</i> | Bluets, Mountain | | Herbaceous perennial | June- July | Blue-lavender | Avg. moisture | Part shade | 0.5-1.5 feet | | B |
| <u>47</u> | <i>Helenium autumnale</i> | Helen's-flower | | Herbaceous perennial | Sep | Yellow | Moist soil | Sun-part shade | 3 feet | Beautiful in the fall | A |
| <u>48</u> | <i>Helianthus giganteus</i> | Sunflower, Giant | | Herbaceous perennial | July- Sep | Yellow | Moist-wet soil | Full sun | 6-8 feet | Butterflies! goldfinches! | A |
| <u>49</u> | <i>Heliopsis helianthoides</i> | Sunflower, False | | Herbaceous perennial | June- Aug | Yellow | Avg. moisture | Sun-part shade | 2-5 feet | Butterflies! goldfinches! | B |
| <u>50</u> | <i>Heuchera americana 'Dale's Strain'</i> | Alum-root, Silver-veined | | Evergreen perennial | April- June | Green-white | Avg.-dry soil | Sun-part shade | 1 foot | Silver-veined foliage | A, F |

| | | | | | | | | | | | |
|-----------|--------------------------------|---------------------------|--|----------------------|-------------|---------------|---------------------|------------------|----------------|---------------------------|------|
| <u>51</u> | <i>Hibiscus moscheutos</i> | Rose-mallow, Swamp | | Herbaceous perennial | July-Aug | Pink | Wet soil | Full sun | 4-5 feet | Large showy blooms | B, D |
| <u>52</u> | <i>Hydrangea arborescens</i> | Hydrangea, Wild | | Deciduous shrub | June | White | Moist, well-drained | Shade-part shade | 4-6 feet | | A, F |
| <u>53</u> | <i>Hydrangea quercifolia</i> | Hydrangea, Oak-leaf | | Deciduous shrub | June-July | White | Avg.-moist soil | Sun-part shade | 3-8 feet | | A, F |
| <u>54</u> | <i>Hypericum prolificum</i> | St. John's-wort, Shrubby | | Deciduous shrub | July-Aug | Yellow | Avg. moisture | Sun-part shade | 2-4 feet | Tough shrub | A, F |
| <u>55</u> | <i>Hypericum pyramidatum</i> | St. John's-wort, Great | | Herbaceous perennial | July | Yellow | Moist soil | Full sun | 5-7 feet | Vertical accent | A, F |
| <u>56</u> | <i>Itea virginica</i> | Sweetspire, Virginia | | Deciduous shrub | June-July | White | Avg.-wet soil | Sun-part shade | 3-5 feet | Good fall color | A |
| <u>57</u> | <i>Kalmia latifolia</i> | Laurel, Mountain | | Evergreen shrub | May-June | White | Moist, well-drained | Part shade-sun | 6-12 feet | Prefers acidic soil | A, F |
| <u>58</u> | <i>Liatris scariosa</i> | Blazing-star, Northern | | Herbaceous perennial | August | Purple | Avg. moisture | Full sun | 3 feet | Butterflies! | B |
| <u>59</u> | <i>Lilium canadense</i> | Lily, Canada | | Herbaceous perennial | June-July | Orange | Moist soil | Sun-part shade | 2-5 feet | Butterflies! | C |
| <u>60</u> | <i>Lilium superbum</i> | Lily, Turk's-cap | | Herbaceous perennial | June-July | Orange-red | Moist soil | Sun-part shade | 3-8 feet | Butterflies | C |
| <u>61</u> | <i>Lobelia cardinalis</i> | Cardinal-flower | | Herbaceous perennial | July-Aug | Red | Moist soil | Sun-shade | 3 feet | Hummingbirds! | B, F |
| <u>62</u> | <i>Lobelia siphilitica</i> | Lobelia, Great Blue | | Herbaceous perennial | July-Sep | Blue | Moist soil | Sun-shade | 2-3 feet | Long-blooming/butterflies | B, F |
| <u>63</u> | <i>Lyonia ligustrina</i> | Maleberry | | Deciduous shrub | June | White | Moist-wet soil | Part shade-sun | 6-8 feet | Prefers acidic soil | A, F |
| <u>64</u> | <i>Lythrum alatum</i> | Winged loosestrife | | Herbaceous perennial | June-Aug | | Wet soil | Full sun | 1-3 feet | Rare native loosestrife | B, F |
| <u>65</u> | <i>Manfreda virginica</i> | Agave, Hardy | | Perennial | August | Yellow-green | Avg.-dry soil | Full sun | 6 ft in flower | Unusual foliage | B |
| <u>66</u> | <i>Mimulus alatus</i> | Monkey-flower, Winged | | Herbaceous perennial | August | Pink-lavender | Moist-wet soil | Sun-part shade | 2-3 feet | Attractive flowers | B, F |
| <u>67</u> | <i>Mimulus ringens</i> | Monkey-flower, Allegheny | | Herbaceous perennial | August | Lavender | Moist soil | Sun-part shade | 2-3 feet | Attractive flowers | B, F |
| <u>68</u> | <i>Monarda fistulosa</i> | Bergamot, Lavender | | Herbaceous perennial | July | Lavender | Avg. moisture | Full sun | 2-3 feet | Butterflies; hummingbirds | A, F |
| <u>69</u> | <i>Myrica pensylvanica</i> | Bayberry | | Deciduous shrub | April | Insignificant | Avg. moisture | Full sun | 6-9 feet | Fragrant foliage & fruit | B |
| <u>70</u> | <i>Oxydendrum arboreum</i> | Sourwood | | Deciduous tree | June-July | White | Moist soil | Part shade-sun | to 30 feet | Brilliant fall color | A, F |
| <u>71</u> | <i>Panicum virgatum</i> | Switchgrass | | Grass | Aug-Sep | Pink | Moist-dry soil | Full sun | 4-6 feet | Good fall color | A |
| <u>72</u> | <i>Penstemon digitalis</i> | Beard-tongue, Foxglove | | Herbaceous perennial | June | White | Avg. moisture | Full sun | 3 feet | Deer resistant; tough | B |
| <u>73</u> | <i>Penstemon smallii</i> | Beard-tongue, Small's | | Herbaceous perennial | May, Sept | Pink | Dry soil | Full sun | 2-3 feet | Brilliant flowers | B |
| <u>74</u> | <i>Penthorum sedoides</i> | Ditch stonecrop | | Herbaceous perennial | June-Aug | Yellow-green | Moist-wet soil | Part shade-sun | 1-1.5 feet | Pink seed heads | B, F |
| <u>75</u> | <i>Phlox paniculata</i> | Phlox, Summer | | Herbaceous perennial | July-August | Pink | Avg. moisture | Sun-part shade | 4 feet | Fragrant/butterflies | B |
| <u>76</u> | <i>Polemonium reptans</i> | Jacob's-ladder, Spreading | | Herbaceous perennial | April-May | Blue | Moist soil | Shade-part shade | 12-18 inches | Tough | B |
| <u>77</u> | <i>Porteranthus stipulatus</i> | Ipecac, American | | Herbaceous perennial | May-July | White | Avg. moisture | Sun-part shade | 2-3 feet | Attractive foliage | B |

| | | | | | | | | | | | |
|------------|--|---------------------------------|--|-------------------------|---------------|---------------|----------------|-------------------------|-------------|------------------------------|---------|
| <u>78</u> | <i>Pycnanthemum incanum</i> | Mountain-mint, Hoary | | Herbaceous perennial | July- Sep | White | Avg.-dry soil | Full sun | 1-2.5 feet | Deer resistant | B |
| <u>79</u> | <i>Pycnanthemum tenuifolium</i> | Mountain-mint, Narrow-leaved | | Herbaceous perennial | July- Aug | White | Moist-dry soil | Sun-part shade | 1-3 feet | Deer resistant | B |
| <u>80</u> | <i>Ratibida pinnata</i> | Coneflower, Prairie | | Herbaceous perennial | July- Aug | Yellow | Avg.-dry soil | Full sun | 3-6 feet | Anise-scented seed | B |
| <u>81</u> | <i>Rhexia virginica</i> | Meadow- beauty | | Herbaceous perennial | June- July | Purple | Moist soil | Full sun | 6-24 inches | Unique maroon flowers | A, F |
| <u>82</u> | <i>Rhododendron calendulaceum</i> | Azalea, Flame | | Deciduous shrub | June | Orange | Avg. moisture | Part shade-sun | 6-10 feet | Good fall color | A, F |
| <u>83</u> | <i>Rhododendron maximum</i> | Rosebay | | Evergreen shrub | June- July | White | Moist soil | Full shade | to 15 feet | Summer woodland flowers | A, F |
| <u>84</u> | <i>Rosa virginiana</i> | Rose, Pasture | | Deciduous shrub | June | Pink | Avg. moisture | Sun-part shade | 4-6 feet | Red hips/fall color | B, D |
| <u>85</u> | <i>Rudbeckia fulgida var. speciosa</i> | Coneflower, Orange | | Herbaceous perennial | July- Aug | Orange | Avg. moisture | Full sun | 2-2.5 feet | Long-blooming | B |
| <u>86</u> | <i>Rudbeckia laciniata</i> | Coneflower, Tall | | Herbaceous perennial | August | Yellow | Moist soil | Full sun | 6 feet | | A |
| <u>87</u> | <i>Rudbeckia triloba</i> | Brown-eyed- susan | | Herbaceous perennial | Aug- Sep | Yellow | Avg. moisture | Full sun | 2-3 feet | Goldfinches | A |
| <u>88</u> | <i>Ruellia caroliniensis</i> | Petunia, Carolina Hardy | | Herbaceous perennial | July- Aug | Lavender | Dry soil | Full sun | 1 foot | Drought tolerant | B |
| <u>89</u> | <i>Salvia lyrata</i> | Sage, Lyre- leaved | | Herbaceous perennial | May- June | Blue-lavender | Avg. moisture | Part shade | 1-2 feet | Hummingbirds | A, F |
| <u>90</u> | <i>Schizachyrium scoparium</i> | Little Bluestem | | Grass | Aug- Sept | Silvery | Avg.-dry soil | Full sun | 1-3 feet | Drought tolerant | A |
| <u>91</u> | <i>Scirpus cyperinus</i> | Wool-grass | | Rush | July | Green | Wet soil | Full sun | 4-5 feet | Tawny, fluffy seeds | B, D, W |
| <u>92</u> | <i>Senna hebecarpa</i> | Senna, Wild | | Herbaceous perennial | July- Aug | Yellow | Avg.-dry soil | Full sun | 4-5 feet | Deer resistant | D |
| <u>93</u> | <i>Silene regia</i> | Catchfly, Royal | | Herbaceous perennial | July- Aug | Red | Avg.-dry soil | Full Sun | 2-3 feet | Hummingbirds! | C |
| <u>94</u> | <i>Silene stellata</i> | Starry Champion | | Herbaceous perennial | Aug- Sep | White | Avg.-dry soil | Sun-part shade | 2 feet | Drought tolerant | B |
| <u>95</u> | <i>Solidago caesia</i> | Goldenrod, Wreath | | Herbaceous perennial | Sept | Yellow | Avg. moisture | Part shade- shade | 2 feet | Attractive clumper | B |
| <u>96</u> | <i>Solidago flexicaulis</i> | Goldenrod, Zig-zag | | Herbaceous perennial | Sep- Oct | Yellow | Moist soil | Part shade- shade | 1-3 feet | Another pretty clumper | B |
| <u>97</u> | <i>Solidago juncea</i> | Goldenrod, Early | | Herbaceous perennial | July- Sep | Yellow | Dry soil | Full sun | 1-4 feet | Clumper | B |
| <u>98</u> | <i>Solidago nemoralis</i> | Goldenrod, Gray | | Herbaceous perennial | June- Oct | Yellow | Dry soil | Sun-part shade | 3-feet | Gray leaves, clumping | B, F |
| <u>99</u> | <i>Solidago odora</i> | Goldenrod, Sweet | | Herbaceous perennial | July- Sep | Yellow | Avg. moisture | Sun-part shade | 6-feet | | B |
| <u>100</u> | <i>Solidago patula</i> | Goldenrod, Spreading | | Herbaceous perennial | Aug- Sep | Yellow | Moist-wet soil | Full sun | 2-6 feet | Clumper for moist spots | B |
| <u>101</u> | <i>Solidago rigida</i> | Goldenrod, Stiff | | Herbaceous perennial | Aug- Oct | Yellow | Moist-dry soil | Full sun | 2-5 feet | Grayish leaves, clumping | B |
| <u>102</u> | <i>Solidago sempervirens</i> | Goldenrod, Seaside | | Herbaceous perennial | Sept | Yellow | Avg.-dry soil | Full sun | 5-7 feet | Road salt tolerant,clumps | B |
| <u>103</u> | <i>Solidago speciosa</i> | Goldenrod, Showy | | Herbaceous perennial | Aug- Oct | Yellow | Avg. moisture | Full sun | 2-4 feet | Clump-forming | A |
| <u>104</u> | <i>Sorghastrum nutans</i> | Indian grass | | Grass | July- Aug | Green | Avg.-dry soil | Full sun | 3 - 6 feet | Bronze seed heads | A |

| | | | | | | | | | | | |
|------------|--|----------------------|---|----------------------|-----------|---------------|-----------------|------------------|----------|---------------------------|------|
| <u>105</u> | <i>Sporobolus heterolepis</i> | Prairie Dropseed | | Grass | Aug-Sep | Brown | Avg.-dry soil | Full sun | 2-3 feet | Fine-textured ornamental | A |
| <u>106</u> | <i>Symphiotrichum cordifolium ssp. cordifolium</i> | Aster, Blue wood | <i>Aster cordifolius ssp. cordifolius</i> | Herbaceous perennial | Sep-Oct | Blue-lavender | Avg. moisture | Part shade-shade | 2-4 feet | Excellent fall flowers | B |
| <u>107</u> | <i>Symphiotrichum laeve</i> | Aster, Smooth blue | <i>Aster laevis</i> | Herbaceous perennial | Aug-Oct | Purple | Moist-dry soil | Full sun | 2-4 feet | Blue-green foliage | A |
| <u>108</u> | <i>Symphiotrichum novae-angliae</i> | Aster, New England | <i>Aster novae-angliae</i> | Herbaceous perennial | Sep | Purple | Avg. moisture | Full sun | 4 feet | Vivid color; butterflies! | B |
| <u>109</u> | <i>Symphiotrichum novi-belgii</i> | Aster, New York | <i>Aster novi-belgii</i> | Herbaceous perennial | Sep | Blue | Avg.-moist soil | Full sun | 3 feet | Showy fall flowers | B |
| <u>110</u> | <i>Symphiotrichum puniceum</i> | Aster, Swamp | <i>Aster puniceus</i> | Herbaceous perennial | Sep-Oct | Blue | Moist-wet soil | Full sun | 3-5 feet | Brightens up a wet spot | A |
| <u>111</u> | <i>Thalictrum dasycarpum</i> | Meadow-rue, Purple | | Herbaceous perennial | June-July | White | Moist-wet soil | Part shade-sun | 4-7 feet | Fluffy flower clusters | B |
| <u>112</u> | <i>Thermopsis caroliniana</i> | Carolina-lupine | | Herbaceous perennial | June-July | Yellow | Avg.-dry soil | Full sun | 3-4 feet | Southern native | D |
| <u>113</u> | <i>Tradescantia ohiensis</i> | Spiderwort, Ohio | | Herbaceous perennial | June-July | Purple | Moist soil | Full sun | 2 feet | Somewhat deer resistant | B |
| <u>114</u> | <i>Tradescantia virginiana</i> | Spiderwort, Virginia | | Herbaceous perennial | May-June | Purple | Moist-dry soil | Sun-part shade | 1-2 feet | | B |
| <u>115</u> | <i>Verbena hastata</i> | Vervain, Blue | | Herbaceous perennial | July-Sep | Violet | Moist-wet soil | Full sun | 2-5 feet | Deer resistant | B, F |
| <u>116</u> | <i>Vernonia glauca</i> | Ironweed, Upland | | Herbaceous perennial | Aug-Sep | Maroon | Avg.-dry soil | Full sun | 5 feet | Stately perennial | B |
| <u>117</u> | <i>Vernonia noveboracensis</i> | Ironweed, New York | | Herbaceous perennial | August | Purple | Avg. moisture | Full sun | 4-6 feet | Butterflies! | B |
| <u>118</u> | <i>Zizia aurea</i> | Golden-alexander | | Herbaceous perennial | May | Yellow | Avg. moisture | Sun-part shade | 2 feet | Swallowtail butterflies! | B, D |