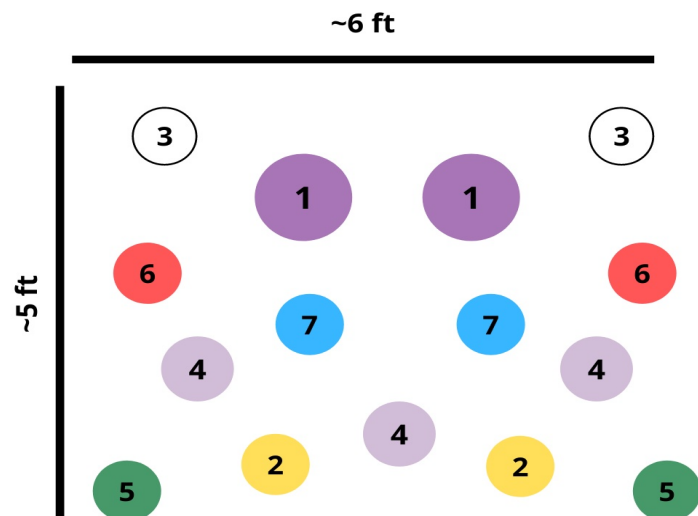


Urban Area/Partial Shade

This grouping has a suggested garden design with quantities included below.

| Scientific Name | Common Name | Light preference | Moisture | Bloom period | Flower color | Height (in) | Space (in) |
|------------------------------------|---------------------|--------------------|-------------|--------------|----------------|-------------|------------|
| 1 - <i>Verbena hastata</i> x2 | Blue vervain | sun - med shade | avg - moist | June - Sept | blue | 36 - 60 | 24 - 36 |
| 2 - <i>Packera obovata</i> x2 | Roundleaf groundsel | med sun - shade | dry - avg | April - May | yellow | 10 - 14 | 12 - 18 |
| 3 - <i>Asclepias incarnata</i> x2 | Swamp milkweed | sun - med shade | avg - moist | Aug & Sept | rose-purple | 48 - 60 | 24 - 36 |
| 4 - <i>Geranium maculatum</i> x2 | Wild geranium | light - full shade | avg - moist | April - May | pink-lavender | 16 - 22 | 12 - 18 |
| 5 - <i>Carex albicans</i> x2 | Whiteninge sedge | light sun - shade | dry - avg | March - May | semi-evergreen | 4 - 6 | 12 |
| 6 - <i>Aquilegia canadensis</i> x2 | Wild columbine | sun to shade | dry - avg | April - June | red | 24 - 36 | 16 - 20 |
| 7 - <i>Phlox divaricata</i> x2 | Blue/Woodland phlox | sun - shade | avg - moist | April - June | blue | 12 - 16 | 12 - 16 |

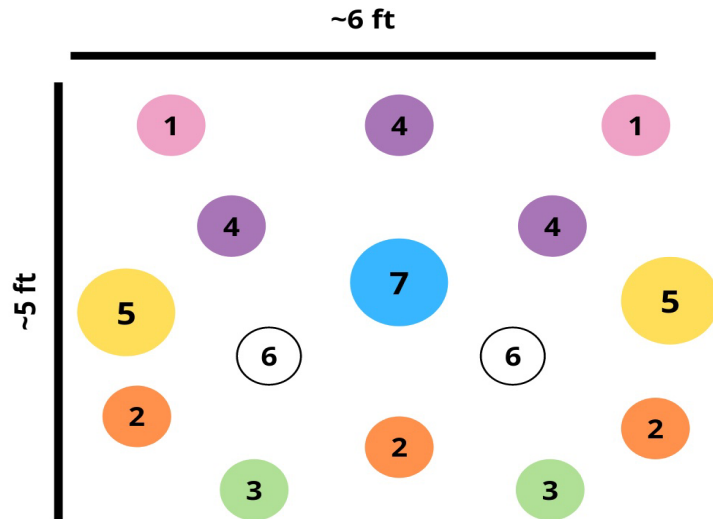


Monarch Oasis

This grouping has a suggested garden design with quantities included below.

Most of these species tend to like dry-average soil conditions, all are sun-loving but most can handle light shade

| Scientific Name | Common Name | Light preference | Moisture | Bloom period | Flower color | Height (in) | Space (in) |
|---|---------------------|-------------------|-------------|--------------|--------------|-------------|------------|
| 1 - <i>Asclepias incarnata</i> x2 | Swamp milkweed | sun - med shade | avg - moist | Aug & Sept | rose-purple | 48 - 60 | 24 - 36 |
| 2 - <i>Asclepias tuberosa</i> x3 | Butterfly milkweed | sun - light shade | average | June & July | orange | 24 - 36 | 18 - 30 |
| 3 - <i>Asclepias viridis</i> x2 | Spider milkweed | sun | dry - avg | June - July | green | 12 - 26 | 18 - 24 |
| 4 - <i>Liatris punctata</i> x3 | Dotted blazing star | sun - light shade | dry - avg | Aug - Sept | rose -purple | 6 - 30 | 12 - 16 |
| 5 - <i>Coreopsis lanceolata</i> x2 | Sand coreopsis | sun - light shade | dry - avg | May - June | yellow | 16 -24 | 12 - 24 |
| 6 - <i>Solidago nemoralis</i> | Old-field goldenrod | sun - light shade | dry - avg | Aug - Sept | yellow | 18 - 30 | 16 - 24 |
| 7 - <i>Symphotrichum oblongifolium</i> x1 | Aromatic aster | sun - light shade | dry | Oct - Nov | blue | 18 - 30 | 16 - 20 |



A Dozen for the Bees, in order of bloom time

Most of these species tend to like dry-average soil conditions, all are sun-loving but most can handle light shade

| Scientific Name | Common Name | Light preference | Moisture | Bloom period | Flower color | Height (in) | Space (in) |
|------------------------------------|-------------------------|-------------------|-------------|--------------|--------------|-------------|------------|
| <i>Coreopsis lanceolata</i> | Sand coreopsis | sun - light shade | dry - avg | May - June | yellow | 16 - 24 | 12 - 24 |
| <i>Zizia aurea</i> | Golden Alexanders | sun - med shade | average | May - June | yellow | 18 - 36 | 18 - 24 |
| <i>Oenothera macrocarpa</i> | Large flowered primrose | sun | dry - avg | May - June | yellow | 6 - 12 | 18 - 36 |
| <i>Echinacea pallida</i> | Pale purple coneflower | sun - light shade | dry - avg | June | pink/purple | 26 - 36 | 16 - 20 |
| <i>Dalea purpurea</i> | Purple prairie clover | sun | dry - avg | June - July | purple | ç | 16 - 20 |
| <i>Asclepias tuberosa</i> | Butterfly milkweed | sun - light shade | average | June & July | orange | 24 - 36 | 18 - 30 |
| <i>Pycnanthemum tenuifolium</i> | Slender mountain mint | sun | dry - moist | July - Aug | white | 12 - 20 | 14 - 18 |
| <i>Liatris punctata</i> | Dotted blazing star | sun - light shade | dry - avg | Aug - Sept | rose -purple | 6 - 30 | 12 - 16 |
| <i>Solidago nemoralis</i> | Old-field goldenrod | sun - light shade | dry - avg | Aug - Sept | yellow | 18 - 30 | 16 - 24 |
| <i>Salvia azurea</i> | Blue sage | sun - light shade | dry - avg | Aug - Sept | blue | 36 - 60 | 16 - 20 |
| <i>Lobelia siphilitica</i> | Great blue lobelia | sun - light shade | avg - moist | Sept - Oct | blue | 18 - 30 | 10 - 16 |
| <i>Symphotrichum oblongifolium</i> | Aromatic aster | sun - light shade | dry | Oct - Nov | blue | 18 - 30 | 16 - 20 |

A Dozen for the Hummers, in order of bloom time

Most of these species tend to like average-moist soil conditions, all are sun-loving but can handle a little shade

| Scientific Name | Common Name | Light preference | Moisture | Bloom period | Flower color | Height (in) | Space (in) |
|-----------------------------|-------------------------|-------------------|-------------|--------------|-----------------------------|-------------|------------|
| <i>Phlox divaricata</i> | Blue/Woodland phlox | sun - shade | avg - moist | April - June | blue | 12 - 16 | 12 - 16 |
| <i>Aquilegia canadensis</i> | Wild columbine | sun to shade | dry - avg | April - June | red | 24 - 36 | 16 - 20 |
| <i>Amsonia illustris</i> | Shining bluestar | Sun - light shade | avg - moist | May - June | blue | 30 - 48 | 36 - 48 |
| <i>Monarda bradburiana</i> | Eastern beebalm | sun - shade | average | May - June | lavender | 18 - 24 | 12 - 18 |
| <i>Penstemon digitalis</i> | Beardtongue | sun - light shade | avg - moist | May - June | white | 30 - 48 | 16 - 20 |
| <i>Oenothera macrocarpa</i> | Large flowered primrose | sun | dry - avg | May - June | yellow | 6 - 12 | 18 - 36 |
| <i>Asclepias tuberosa</i> | Butterfly milkweed | sun - light shade | average | June & July | orange | 24 - 36 | 18 - 30 |
| <i>Verbena hastata</i> | Blue vervain | sun - med shade | avg - moist | June - Sept | blue | 36 - 60 | 24 - 36 |
| <i>Hibiscus moscheutos</i> | Rose mallow | sun - med shade | avg - moist | June - Sept | creamy-white to rose - pink | 36 - 96 | 24-48 |
| <i>Asclepias incarnata</i> | Swamp milkweed | sun - med shade | avg - moist | Aug & Sept | rose-purple | 48 - 60 | 24 - 36 |
| <i>Salvia azurea</i> | Blue sage | sun - light shade | dry - avg | Aug - Sept | blue | 36 - 60 | 16 - 20 |
| <i>Lobelia siphilitica</i> | Great blue lobelia | sun - light shade | avg - moist | Sept - Oct | blue | 18 - 30 | 10 - 16 |