



PLANT LIST

MOLBAK'S BUTTERFLY GARDEN AND MICROSOFT POLLINATOR PATIO

FLOWERING PLANTS

Below is a comprehensive list of all the flowering plants in Molbak's Butterfly Garden and Microsoft Pollinator Patio. When choosing plants to attract pollinators, there are a few best practices to provide for pollinators:

- Include early and late blooming plants so food is available throughout the season.
- Include multiple plants of the same species in an area to create larger "blocks" of color and food that are more attractive to foraging pollinators.
- Pollinators need more from plants than just nectar and pollen. For example, caterpillars eat the leaves of larval host plants and some bees nest within the pithy stems of plants such as raspberries.
- Be wary of ornamental "double" flowered plants that have dense petals; they look pretty but have little pollen or nectar available for pollinators (the pollen-bearing parts have been modified into additional petals).

Explore the Butterfly Garden and Pollinator Patio at Woodland Park Zoo for inspiration and check out our recommended pollinator plant list resources at the end of this document.

SCIENTIFIC NAME	COMMON NAME	LOCATION*	BLOOM TIME	POLLINATORS
<i>Abelia grandiflora</i> 'Sherwoodii'	Sherwood Abelia	BG, PP	summer to autumn	bees, butterflies
<i>Acer circinatum</i> **	Vine maple	PP	spring	bees
<i>Achillea millefolium</i>	Yarrow	BG, PP	summer to autumn	bees, butterflies, flies
<i>Agastache</i> spp.	Hyssop	BG, PP	summer to autumn	bees, butterflies, hummingbirds
<i>Ageratum</i> spp.	Floss flower, Ageratum	BG, PP	summer to autumn	butterflies
<i>Alchemilla mollis</i>	Lady's mantle	BG	Summer	Butterflies
<i>Allium</i> spp.	Ornamental onion	PP	spring	bees, butterflies
<i>Alyssum</i> 'White'	Alyssum	BG	spring to summer	butterflies
<i>Arbutus unedo</i>	Strawberry bush	BG	autumn	bees, butterflies, hummingbirds
<i>Aristolochia gigantea</i>	Brazilian Dutchman's pipe	PP	summer	flies
<i>Bidens</i> spp.	Hairy beggartick	BG, PP	spring to autumn	bees, butterflies
<i>Borago officinalis</i>	Borage	PP	summer	N/A
<i>Brachyscome</i> 'Metalic Blue'	Cut-leaved daisy	BG, PP	spring to autumn	bees, butterflies
<i>Buddleia</i> spp.	Seedless butterfly bush [†]	BG	summer to autumn	butterflies

[†] In some areas of the country, butterfly bushes have escaped gardens and are an invasive species affecting natural areas. It is highly recommend to seek out seedless varieties of butterfly bush that will not pose a threat to native plants.

* Location: BG = Molbak's Butterfly Garden; PP = Microsoft Pollinator Patio and outside path

** These plants are native to the Pacific Northwest

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<i>Calycanthus floridus</i>	Carolina allspice	PP	spring to summer	beetles
<i>Camassia quamash**</i>	Camas	PP	spring	bees
<i>Caryopteris 'Longwood Blue'</i>	Bluebeard	PP	summer	bees
<i>Ceanothus 'Blue Jeans'</i>	California lilac	PP	spring	bees, butterflies, hummingbirds
<i>Centranthus ruber</i>	Jupiter's beard	PP	summer	bees, butterflies
<i>Cleome</i> spp.	Spider plant, spiderflower	BG, PP	spring to summer	bees, butterflies
<i>Clethra alternifolia</i>	Summersweet	BG	summer	butterflies
<i>Cosmos 'Sensation Mix'</i>	Cosmos	BG, PP	summer to autumn	bees, butterflies
<i>Cynara cardunculus</i>	Artichoke, cardoon	PP	summer	bees, butterflies
<i>Echinacea purpurea 'Magnus'</i>	Purple coneflower	BG, PP	summer	bees, butterflies
<i>Echinops ritro</i>	Southern globethistle	PP	summer to autumn	bees, butterflies
<i>Erigeron 'Profusion'</i>	Fleabane	BG	spring to summer	butterflies
<i>Eryngium 'Big Blue'</i>	Sea holly	BG, PP	summer	bees, butterflies
<i>Gaillardia aristata</i>	Blanket flower	PP	spring to autumn	bees, butterflies
<i>Gaultheria shallon**</i>	Salal	PP	spring, summer	bees
<i>Gaura</i> spp.	Gaura	BG, PP	summer to autumn	bees, butterflies
<i>Helianthus 'Lemon Queen'</i>	Lemon Queen sunflower	PP	summer	bees, butterflies
<i>Heliotropium 'Fragrant Delight'</i>	Heliotrope	BG, PP	summer	bees, butterflies
<i>Helleborus</i> spp.	Hellebore	BG	spring	butterflies
<i>Heuchera 'Raspberry Ice'</i>	Coral bells	BG	summer	butterflies
<i>Impatiens 'Voodoo Mix'</i>	Impatiens	PP	summer	bees
<i>Jasminum officinale 'Fiona Sunrise'</i>	Fiona Sunrise jasmine	PP	summer	bees, butterflies, hummingbirds
<i>Lantana 'Cherry Sunrise'</i>	Lantana	BG, PP	summer to autumn	bees, butterflies
<i>Lavendula 'Violet Intrigue'</i>	Lavender	PP	summer	bees, butterflies
<i>Leucanthemum x superbum</i>	Shasta daisy	BG	summer to autumn	bees, butterflies
<i>Lobelia 'Riveria Rose'</i>	Lobelia	BG, PP	summer to autumn	bees, butterflies, hummingbirds
<i>Lobularia maritima</i>	Sweet alyssum	PP	spring to summer	bees, butterflies, flies
<i>Lonicera henryi</i>	Honeysuckle	BG	summer to autumn	bees, butterflies, hummingbirds
<i>Lonicera involucrate**</i>	Twinberry honeysuckle	PP	summer	bees, butterflies, hummingbirds
<i>Lonicera nitida</i>	Boxleaf honeysuckle	PP	spring, summer	bees
<i>Malus pumila</i>	Apple tree	PP	spring	bees
<i>Mahonia aquifolium**</i>	Tall Oregon grape	PP	spring	bees, hummingbirds
<i>Mahonia nervosa**</i>	Cascade Oregon grape	PP	spring	bees, hummingbirds

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<i>Monarda</i> 'Gardenview Scarlet'	Bee balm	BG	summer	hummingbirds
<i>Myrica californica</i> **	California wax myrtle	BG	spring	N/A
<i>Nicotiana sylvestris</i>	Tobacco	PP	summer to autumn	butterflies, moths, hummingbirds
<i>Pentas lanceolata</i> 'New Look Mix'	Egyptian star cluster	BG	summer	bees, butterflies, flies
<i>Phaseolus coccineus</i>	Scarlet runner bean, snap bean	PP	summer to autumn	bees, butterflies, hummingbirds
<i>Phlox</i> 'Raving Beauty'	Phlox	BG	spring	butterflies, hummingbirds
<i>Primula florindae</i>	Primrose, Tibetan cowslip	BG	spring	bees
<i>Rhododendron</i> 'Queen Emma'	Queen Emma azalea, Rhododendron	BG	spring	bees, butterflies, hummingbirds
<i>Rhus typhina</i>	Staghorn sumac	BG	summer	butterflies
<i>Ribes sanguinium</i>	Flowering currant	PP	spring	Bees, hummingbirds
<i>Rosa nutkana</i> **	Nootka rose	PP	spring to summer	bees, butterflies
<i>Rosmarinus officinalis</i>	Rosemary	PP	summer	bees, butterflies
<i>Rubus idaeus</i> 'Heritage'	Heritage raspberry	PP	summer to autumn	bees, butterflies
<i>Rudbeckia</i> 'Goldsturm'	Black-eyed Susan	BG, PP	summer to autumn	bees, butterflies
<i>Sambucus racimosa</i>	Elderberry	PP	spring, summer	bees, butterflies
<i>Scabiosa</i> 'Ritz Blue'	Pincushion flower	BG, PP	spring to early winter	bees, butterflies
<i>Sedum</i> 'Autumn Joy'	Stonecrop	PP	summer, autumn	bees
<i>Solidago rugosa</i> 'Fireworks'	Goldenrod	BG, PP	autumn	bees, butterflies
<i>Styrax japonicus</i>	Japanese snowbell	BG	spring to summer	bees, hummingbirds
<i>Symphoricarpos albus</i> **	Snowberry	PP	summer	bees, hummingbirds
<i>Syringa vulgaris</i>	Lilac	PP	spring	Bees, butterflies
<i>Tithonia rotundifolia</i>	Mexican sunflower	BG, PP	summer to autumn	bees, butterflies, hummingbirds
<i>Trifolium incarnatum</i>	Crimson clover	PP	spring to summer	bees
<i>Vaccinium ovatum</i> **	Evergreen huckleberry	BG	spring	butterflies
<i>Vaccinium</i> spp.	Blueberry	PP	spring	bees, butterflies
<i>Verbena</i> 'Homestead Purple'	Trailing verbena	BG, PP	spring to autumn	bees, butterflies
<i>Viburnum bodnantense</i>	Winter viburnum	PP	winter	bees
<i>Zinnia</i> 'Profusion Orange'	Zinnia	PP	summer to autumn	bees, butterflies, hummingbirds

OTHER PLANTS

These plants in the Butterfly Garden and Pollinator Patio do not attract animal pollinators (they are wind or self-pollinated), but they can still be a wonderful addition to any garden.

SCIENTIFIC NAME	COMMON NAME	LOCATION*
<i>Abies koreana</i>	Korean fir	BG

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<i>Anemanthele lessoniana</i>	Pheasant tail grass	BG
<i>Cercidiphyllum japonicum</i>	Katsura	PP
<i>Festuca idahoensis</i>	Idaho fescue	BG
<i>Polystichum munitum</i> **	Sword fern	BG
<i>Schizachyrium scoparium</i>	Little bluestem	BG
<i>Stipa gigantea</i>	Giant feather grass	BG
<i>Thuja plicata</i> 'Excelsa'***	Excelsa red cedar	BG

POLLINATOR PLANT LISTS RESOURCES

Pollinator Partnership and the North American Pollinator Protection Campaign [NAPPC] published a series of free regional guides for ecological regions all across the United States and Canada. Go to <http://www.pollinator.org/guides.htm> and type in your US zip code to find the guide for your region. The region that includes Woodland Park Zoo is available in the **PACIFIC LOWLAND, MIXED FOREST PROVINCE** guide (Pollinator Partnership and NAPPC, n.d.).

The Xerces Society has free pollinator-friendly plant lists for various regions across the United States available at <http://xerces.org/pollinator-conservation/plant-lists/>. These guides concentrate on native plants and wildflowers from each region. The **MARITIME NORTHWEST** guide includes the Woodland Park Zoo and Puget Sound region (The Xerces Society, 2015).

The **LADY BIRD JOHNSON WILDFLOWER CENTER** website contains plant profiles on hundreds of U.S. native plants and wildflowers. Many plant profiles have information provided by The Xerces Society on whether the plant has a special value to native bees (including bumble bees), honey bees, butterflies and/or moth caterpillars (if it's a larval host plant). Lists of these plants can be accessed at <http://www.wildflower.org/collections/> under the "Value to Beneficial Insects" section (TWC Staff, 2017).

The Xerces Society also has a book, **ATTRACTING NATIVE POLLINATORS**, which contains regional plant lists for native pollinator gardens. Plants suitable for Woodland Park Zoo and the surrounding region are included in the *Pacific Northwest and British Columbia* list as well as the *Lower-cost Ornamentals for Many Regions* list (The Xerces Society, 2011).

WORKS CITED

- Pollinator Partnership and NAPPC. (n.d.). *Selecting plants for pollinators: A regional guide for farmers, land managers, and gardeners in the ecological region of the Pacific Lowland Mixed Forest Province*. Retrieved May 17, 2017, from Pollinator Partnership: <http://www.pollinator.org/PDFs/PacificLowlandrx8.pdf>
- The Xerces Society. (2011). *Attracting native pollinators: Protecting North America's bees and butterflies*. (D. Burns, Ed.) North Adams, MA, USA: Storey Publishing.
- The Xerces Society. (2015, July). *Pollinator Plants: Maritime Northwest*. Retrieved May 17, 2017, from The Xerces Society for Invertebrate Conservation: http://www.xerces.org/wp-content/uploads/2014/09/MaritimeNorthwestPlantList_web.pdf
- TWC Staff. (2017). *Special Collections*. Retrieved May 18, 2017, from Lady Bird Johnson Wildflower Center: <http://www.wildflower.org/collections/>

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