

P a n o r a m a

Arboretum



Perennials



April 2019

Panorama
The Northwest Retirement Lifestyle

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Flowering Perennials

The Panorama campus is graced with an abundance of perennial flowers. They help brighten the Spring, and many continue to provide welcome color through the Summer and Fall. We hope that this booklet will help you identify some of the more than 600 varieties you may see as you walk around campus. Plants native to this area are labeled in green.

A perennial is usually defined as a non-woody plant that lives at least 3 years, in contrast to an annual that completes its lifecycle in less than one year or a biennial that produces only leaves the first year, then flowers, sets seed and dies in the second year. Some perennials are evergreen, keeping their leaves all year, while others have a dormant season when they show only a bare patch of earth.

Some perennials have a lifespan measured in decades or centuries, while others are doing well to make it to their 4th year. Since most of the pictures here were taken during a survey in 2011, it is possible that a few may no longer be with us. You'll also see new ones appearing frequently. Many of them will be difficult to find: tucked away in odd corners, small and inconspicuous, or showy for only a short time. Others are more prominent, but all are worth searching for.

Enjoy the beauty and good luck in the hunt.





Acanthus mollis
Bear's Breeches



Achillea millefolium
Yarrow



Adenophora liliifolia
Ladybells



Aegopodium podagraria
Goutweed, Bishop's Weed



Agastache 'Arizona Sandstone'
Hummingbird Mint



Agastache 'Blue Fortune'
Giant Hyssop



Agastache foeniculum
Anise Hyssop



Ajuga reptans
Carpet Bugle



Alcea rosea
Hollyhock



Alchemilla mollis
Lady's Mantle



Alchemilla erythropoda
Dwarf Lady's Mantle



Allium aflatanense
'Purple Sensation'
Persian Onion



Allium ampeloprasum v porum
Leek



Allium cepa
Onion



Allium christophii
Star of Persia



Allium cyaneum



Allium giganteum
Giant Onion



Allium karataviense
Turkistan Onion



Allium moly
Golden Garlic, Lily Leek



Allium narcissiflorum
Piedmont Garlic



Allium obliquum
Lopsided Onion



Allium schoenoprasum
Chives



Allium sphaerocephalon
Drumstick Onion



Allium stipitatum
Drumstick Onion



Allium tuberosum
Garlic Chives



Alstroemeria cv
Peruvian Lily



Amaryllis belladonna
Naked Ladies



Anaphalis margaritacea
Pearly Everlasting



Anemone blanda
Grecian Windflower



Anemone coronaria
Poppy Anemone



Anemone x hybrida
'Honorine Jobert'
Japanese Anemone



Anemone nemorosa 'Vestal'
Wood Anemone



Anemone sylvestris
Snowdrop Anemone



Anemonella thalictroides
Rue Anemone



Antennaria dioica
Pussytoes



Aquilegia canadensis
Canadian Columbine



Aquilegia chrysantha cv
Golden Columbine



Aquilegia x hybrida
Hybrid Columbine



Arabis blepharophylla
Rose Rockcress



Arabis caucasia
Caucasian Rockcress



Arisaema consanguineum
Jack in the Pulpit



Arisaema taiwanense
Cobra Lily



Armeria maritima
Sea Thrift



Armeria x hybrida
Sea Thrift



Aruncus 'Misty Lace'
Goatsbeard



Asarum caudatum
Wild Ginger



Asparagus officinalis
Asparagus



Aster divaricatus
Wood Aster



Aster x frikartii 'Monch'



Aster lateriflorus 'Lady in Black'
Calico Aster



Aster novi-angliae
New England Aster



Aster novi-belgii 'Porzellan'
New York Aster



Astilbe cv



Astilboides tabularis
Shieldleaf



Astrantia major
Great Masterwort



Aubrieta deltoidea
Purple Rockcress



Aurinia (Alyssum) saxatilis
Basket of Gold



Baptisia australis
False Indigo



Beesia deltophylla



Begonia grandis ssp. *evansiana*
Hardy Begonia



Bellis perennis
English Daisy



Bergenia ciliata
Hairy Bergenia



Bergenia cordifolia
Pigsqueak



Bletilla striata
Chinese Ground Orchid



Brodiaea laxa 'Queen Fabiola'
Triplet Lily



Brunnera macrophylla 'Jack Frost'
Siberian Bugloss



Camassia cusickii
Cussick's Camas



Camassia leichtlinii
Large Camas



Campanula cochlearifolia
Fairy Thimbles



Campanula carpatica
Carpathian Bellflower



Campanula garganica
Adriatic Bellflower



Campanula glomerata
Clustered Bellflower



Campanula persicifolia 'Alba'
Peach-Leaved Bellflower



Campanula poscharskyana
Serbian Bellflower



Campanula rapunculoides
Rampion Bellflower



Campanula rotundifolia
Harebell



Campanula takesimana
Korean Bellflower



Cardamine quinquefolia



Cardamine trifolia
Three Leaf Bittercress



Catananche caerulea
Cupid's Dart



Cephalanthera austiniiae
Phantom Orchid



Centaurea dealbata
Persian Cornflower



Centaurea montana
Bachelor's Button



Centranthus ruber
Jupiter's Beard



Ceratostigma plumbaginoides
Leadwort, Blue Plumbago



Chelone obliqua
Turtlehead



Chiastophyllum oppositifolium
Lamb's Tail



Chionodoxa luciliae
Glory of the Snow



Chrysanthemum morifolium cv



Chrysanthemum morifolium cv



Cimicifuga racemosa
Black Cohosh, Bugbane



Colchicum autumnale
Fall Crocus



Convallaria majalis
Lily of the Valley



Corallorrhiza maculata
Spotted Coralroot Orchid



Coreopsis grandiflora
Largeflowered Tickseed



Coreopsis lanceolata
Lanceleaf Tickseed



Coreopsis verticillata
Threadleaf Tickseed



Corydalis curviflora var. *rosthornii*



Corydalis flexuosa 'Purple Leaf'



Corydalis lutea



Corydalis ochroleuca



Corydalis solida 'George Baker'



Crocosmia × *crocosmiiflora*
Montbretia



Crocosmia 'Lucifer'



Crocosmia 'Emily McKenzie'



Crocus banaticus



Crocus cartwrightianus
Wild Safron



Crocus flavus
Golden Crocus



Crocus vernus
Dutch Crocus



Cyclamen coum
Hardy Cyclamen



Cyclamen hederifolium
Ivy-leaved Cyclamen



Cymbalaria aequitriloba
Pennywort



Cymbalaria muralis
Kenilworth Ivy



Cynara cardunculus var. *scolymus*
Artichoke



Dactylorhiza sp
Spotted Orchid



Dahlia cv



Darlingtonia californica
Pitcher Plant



Delosperma cooperi
Ice Plant



Delosperma nubigenum
Ice Plant



Delphinium x *elatum*
Pacific Hybrid Delphinium



Delphinium menziesii
Menzies' Larkspur



Dianthus barbatus
Sweet William



Dianthus caryophyllus
Carnation



Dianthus gratianopolotanus
Cheddar Pink



Dianthus plumarius
Cottage Pink



Dianthus Telstar Hybrid



Dicentra formosa
Western Bleeding Heart



Dicentra spectabilis
Bleeding Heart



Dicentra spectabilis 'Alba'
Bleeding Heart



Dicentra spectabilis 'Gold Heart'
Bleeding Heart



x Digiplexus 'Flame'
Hybrid Foxglove



Digitalis grandiflora
Yellow Foxglove



Digitalis purpurea 'Alba'
Common Foxglove



Disporum (Prosartes) hookeri
Hooker's Fairybell



Dodecatheon meadia
Shooting Star



Doronicum orientale
Leopard's Bane



Draba brunifolia



Dracunculus vulgaris
Voodoo Lily



Duchesnea (Potentilla) indica
Indian Strawberry



Echinacea purpurea
Purple Coneflower



Echinops bannaticus
Globe Thistle



Epimedium 'Amber Queen'
Barrenwort



Epimedium pallidum
Barrenwort



Erigeron karvinskianus
Fleabane



Erodium reichardii
Cranesbill



Eryngium alpinum
Sea Holly



Eryngium planum
Sea Holly



Erythronium grandiflorum
Yellow Glacier Lily



Erythronium montanum
Avalanche Lily



Erythronium revolutum
Pink Fawn Lily



Erythronium tuolumnense
Tuolumne Fawn Lily



Eschscholzia californica
California Poppy



Eucomis sp
Pineapple Lily



Eupatorium rugosum
Snakeroot



Euphorbia 'Blackbird'
Cushion Spurge



Euphorbia Characias 'Silver Swan'
Mediterranean Spurge



Eutrochium purpureum
Joe Pye Weed



Filipendula rubra
Queen of the Prairie



Filipendula ulmaria 'Variegata'
Meadowsweet



Foeniculum vulgare
Fennel



Fragaria x ananassa
Strawberry



Fragaria chiloensis
Sand Strawberry



Fragaria 'Pink Panda'
Flowering Strawberry



Fragaria vesca
Woodland Strawberry



Fritillaria lanceolata
Chocolate Lily



Fritillaria meleagris
Snake's Head Fritillary



Fritillaria uva-vulpis
Fox Grape Fritillary



Galanthus nivalis
Snowdrop



Gaillardia aristata
Blanket Flower



Gaillardia x grandiflora
Blanket Flower



Galium odoratum
Sweet Woodruff



Gaura lindheimeri
Beeblossom



Gentiana asclepiadea
Willow Gentian



Geranium x cantabrigiense
Cranesbill



Geranium sp
Cranesbill



Geum chiloense
Avens



Geum coccineum
Scarlet Avens



Gladiolus callianthus
Abyssinian Sword Lily



Gladiolus x hortulanus



Gunnera magellanica
Devil's Strawberry



Gunnera tinctoria
Chilean Prickly Rhubarb



Gypsophila cerastioides
Alpine Baby's Breath



Gypsophila paniculata
Baby's Breath



Hacquetia epipactis



Helenium 'Sahin's Early'
Sneezeweed



Helleborus argutifolius
Corsican Hellebore



Helleborus x ballardiae 'Pink Frost'
Christmas Rose



Helleborus foetidus
Stinking Hellebore



Helleborus niger 'Joseph Lemper'
Christmas Rose



Helleborus x hybridus
Lenten Rose



Hemerocallis fulva 'Kwanso'
Tawny Daylily



Hemerocallis lilioasphodelus
Lemon Daylily



Hemerocallis 'Peachy Keen'
Hybrid Daylily



Hepatica nobilis
Liverleaf



Hermodactylus tuberosus
Widow's Iris



Hesperaloe parviflora
Red Yucca



Heuchera micrantha f. diversifolia
'Palace Purple'



Heuchera sanguinea
Coral Bells



Heuchera x villosa 'Tiramisu'



Hibiscus moscheutos
Rose Mallow



Hosta fortunei 'Patriot'
Plantain Lily



Hosta seiboldiana 'Elegans'
Plantain Lily



Hosta seiboldiana
'Frances Williams'



Hosta tokudama 'Blue Shadows'
Plantain Lily



Hosta undulata 'Medio-variegata'
Plantain Lily



Hosta hybrid 'Blue Umbrellas'
Plantain Lily



Hosta hybrid 'Dragon Tails'
Plantain Lily



Hosta hybrid 'Earth Angel'
Plantain Lily



Hosta hybrid 'Invincible'
Plantain Lily



Hosta hybrid 'Krossa Regal'
Plantain Lily



Hosta hybrid 'Red October'
Plantain Lily



Hosta hybrid 'Sum and Substance'
Plantain Lily



Houttuynia cordata 'Chameleon'
Chameleon Plant



Hyacinthoides non-scripta
English Bluebell



Hyacinthus orientalis
Hyacinth



Hypericum perforatum
St. John's Wort



Ipheion uniflorum
Spring Starflower



Iris douglasiana
Douglas Iris



Iris ensata
Japanese Iris



Iris hollandica
Dutch Iris



Iris pallida 'Variegata'
Dalmatian Iris



Iris x louisiana 'Black Gamecock'
Louisiana Iris



Iris pseudacorus
Water Flag



Iris reticulata
Reticulated Iris



Iris siberica
Siberian Iris



Iris tenax
Oregon Iris



Iris Pacific Coast Hybrid



Iris Tall Bearded



Iris Intermediate Bearded



Iris Dwarf Bearded



Jovibarba hirta
Rolling Hens and Chicks



Kniphofia pumila
Dwarf Red Hot Poker



Lamium galeobdolon
Yellow Archangel



Lamium maculatum
Spotted Deadnettle



Lamium purpureum
Red Deadnettle



Laurentia fluviatilis
Blue Star Creeper



Leontopodium alpinum
Edelweiss



Leptinella squalida
Brass Buttons



Leucanthemum x superbum
Shasta Daisy



Leucojum aestivum
Summer Snowflake



Levisticum officinale
Lovage



Lewisia cotyledon



Liatris spicata
Gayfeather



Ligularia dentata



Ligularia przewalskii



Lilium Asiatic Hybrid



Lilium Bellingham Hybrid



Lilium lancifolium
Tiger Lily



Lilium longiflorum
Easter Lily



Lilium martagon
Turk's Cap Lily



Lilium Oreinpet Hybrid



Lilium Oriental Hybrid 'Stargazer'



Linaria purpurea
Purple Toadflax



Linum perenne
Flax



Liriope gigantea
Giant Lilyturf



Liriope muscari
Lilyturf



Liriope spicata 'Silver Dragon'
Lilyturf



Lobelia x speciosa
Cardinal Flower



Lomatium utriculatum



Lupinus polyphyllus
Bigleaf Lupine



Lupinus Russell Hybrid
Lupine



Lychnis chalcedonica
Maltese Cross



Lychnis coronaria
Rose Campion



Lysimachia clethroides
Gooseneck Loosestrife



Lysimachia nummularia
Creeping Jenny, Moneywort



Lysimachia punctata 'Alexander'
Variegated Yellow Loosestrife



Maianthemum dilatatum
False Lily of the Valley



Maianthemum racemosum
False Solomon's Seal



Maianthemum stellatum
Starry False Solomon's Seal



Malva moschata
Musk Mallow



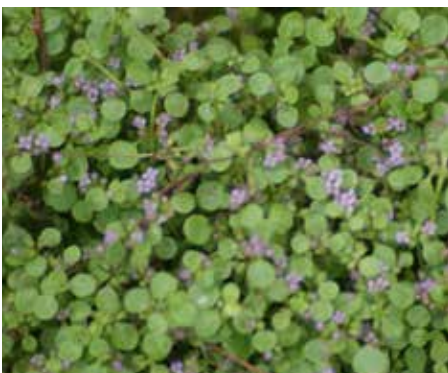
Meconopsis cambrica
Welsh Poppy



Meconopsis x sheldonii
Himalayan Poppy



Mentha x piperita
Peppermint



Mentha requienii
Corsican Mint



Mentha suaveolens 'Variegata'
Pineapple Mint



Mimulus cardinalis
Monkeyflower



Monarda didyma
Bee Balm



Mukdenia rossii 'Karasuba'



Muscari armeniacum
Grape Hyacinth



Muscari latifolium
Grape Hyacinth



Musella lasiocarpa
Chinese Dwarf Banana



Myosotis sylvatica
Forget Me Not



Narcissus
Division 1: Trumpet



Narcissus
Division 2: Large Cup



Narcissus
Division 3: Small Cup



Narcissus
Division 4: Double



Narcissus
Division 5: Triandrus



Narcissus
Division 6: Cyclamineus



Narcissus
Division 7: Jonquilla



Narcissus
Division 8: Tazetta



Narcissus
Division 9: Poeticus



Narcissus
Division 11: Split Corona



Nepeta cataria
Catnip



Nuphar polysepala
Yellow Pond Lily



Nymphaea sp
Water Lily



Oenothera sp
Evening Primrose



Omphalodes cappadocica
Navelwort



Ophiopogon japonicus 'Nana'
Dwarf Mondo Grass



Ophiopogon planiscapus
'Nigrescens'
Black Mondo Grass



Origanum vulgare 'Aureum'
Golden Oregano



Ornithogalum umbellatum
Star of Bethlehem



Osmorhiza longistylis
Sweet Cicely



Oxalis adenophylla
Chilean Wood Sorrel



Oxalis oregana
Wool Sorrel



Paeonia lactiflora
'Monsieur Jules Elie'
Peony



Paeonia lactiflora
'Shirley Temple'
Peony



Paeonia 'Bartzilla'
Itoh Hybrid Peony



Papaver alpinum
Alpine Poppy



Papaver nudicaule
Iceland Poppy



Papaver orientale
Oriental Poppy



Paris quadrifolia
Herb Paris



Penstemon barbatus
'Red Riding Hood'
Beard-tongue



Penstemon gloxinoides
Beard-tongue



Penstemon heterophyllus
'Catherine de la Mare'
Beard-tongue



Penstemon hybrid 'Pink Chablis'
Beard-tongue



Penstemon pinifolius
Yellow Pineleaf Beardtongue



Perovskia atriplicifolia
Russian Sage



Persicaria bistorta
European Bistort



Phlox paniculata
Garden Phlox



Phormium cookianum 'Tricolor'
New Zealand Flax



Phormium tenax 'Rubrum'
New Zealand Flax



Physalis alkekengi
Chinese Lantern



Physostegia virginiana
Obedient Plant



Plasticus aeternicus



Platycodon grandiflorus
Balloon Flower



Podophyllum peltatum
Mayapple



Polemonium boreale
Northern Jacob's Ladder



Polemonium caeruleum
'Brise d'Anjou'
Variegated Jacob's Ladder



Polygonatum commutatum
Solomon's Seal



Potentilla anglica
English Cinquefoil



Potentilla gelida
Caucasian Cinquefoil



Potentilla glandulosa
Sticky Cinquefoil



Potentilla tridentata
Three-toothed Cinquefoil



Primula auricula
Mountain Cowslip



Primula capitata
Asiatic Primrose



Primula denticulata
Drumstick Primrose



Primula x juliana 'Wanda'



Primula x polyantha
Polyanthus Primrose



Primula sieboldii
Japanese primrose



Primula veris
English Cowslip



Primula vulgaris
Primrose



Primula vulgaris 'Lilacina Plena'



Primula sp, section *Proliferae*
Candelabra Primrose



Pulmonaria angustifolia
Blue Lungwort



Pulmonaria 'Roy Davidson'
Lungwort



Pulsatilla vulgaris
Pasque Flower



Ranunculus acris
Tall Buttercup



Ranunculus asiaticus
Persian Buttercup



Ranunculus ficaria
Lesser Celandine



Rheum x cultorum
Rhubarb



Rodgersia pinnata



Rudbeckia hirta
Black-eyed Susan



Rumex sanguineus var. *sanguineus*
Bloody Dock



Sagina subulata
Irish Moss



Salvia 'Balsalmisp'
Mystic Spires Blue Sage



Salvia greggii
Autumn Sage



Salvia guaranitica
Blue Anise Sage



Salvia nemorosa
Woodland Sage



Salvia officinalis
Common Sage
(This one is the cooking herb)



Salvia × *superba*



Sarracenia hybrid
Pitcher Plant



Saxifraga 'Apple Blossom'



Saxifraga x geum 'Dentata'



Saxifraga paniculata



Saxifraga x urbium
London Pride Saxifrage



Schizostylis coccinea
Crimson Flag



Scilla siberica
Siberian Squill



Sedum oregonense
Stonecrop



Sedum rupestre
Stonecrop



Sedum sarmentosum
Stonecrop



Sedum sieboldii
Stonecrop



Sedum spathulifolium
Stonecrop



Sedum spectabile 'Frosty Morn'
Stonecrop



Sedum spurium
Stonecrop



Sedum stoloniferum
Stonecrop



Sedum takesimense
Stonecrop



Sedum telephium 'Red Cauli'
Stonecrop



Sempervivum 'Watermelon Rind'
Hen and Chicks



Senecio cineraria
Dusty Miller



Silene coronaria
Rose Campion



Silene dioica
Red Campion



Silene uniflora
Catchfly



Sisyrinchium bellum
Blue-eyed Grass



Sisyrinchium californicum
Yellow-eyed Grass



Solidago sp
Goldenrod



Stachys byzantina
Lamb's Ears



Streptopus amplexifolius
Twisted Stalk



Stylophorum diphyllum
Wood Poppy



Symphytum officinale
Comfrey



Tanacetum coccineum
Painted Daisy



Tanacetum parthenium
Feverfew



Tellima grandiflora
Fringecup



Teucrium chamaedrys
Germander



Thalictrum sp
Meadow Rue



Tiarella 'Cygnet'
Foamflower



Tradescantia virginiana
Spiderwort



Tricyrtis sp
Toad Lily



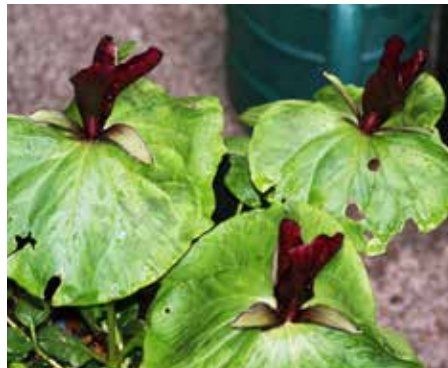
Trifolium repens
'Purpurascens Quadrifolium'



Trillium chloropetalum
Giant Trillium



Trillium chloropetalum
var. giganteum
Giant Trillium



Trillium chloropetalum 'Volcano'
Giant Trillium



Trillium grandiflorum 'Flore Pleno'
Double Great White Trillium



Trillium kurabayashii
Giant Purple Wakerobin



Trillium luteum
Yellow Trillium



Trillium ovatum
Pacific Trillium



Trillium rivale
Brook Wakerobin



Trillium simile
Jeweled Wakerobin



Triteleia hyacinthina
Hyacinth Brodiaea



Trollius europaeus
Globeflower



Tulipa bakeri



Tulipa clusiana var. *chrysantha*
Lady Tulip



Tulipa humilis



Tulipa tarda



Tulipa turkestanica



Tulipa Cvs
Hybrid Tulips



Typha latifolia
Cattail



Uvularia grandiflora
Bellwort



Valeriana officinalis
Valerian



Vancouveria hexandra
Inside-Out Flower



Verbascum chaixii 'Album'
Nettle-Leaved Mullein



Verbascum thapsus
Common Mullein



Veronica peduncularis
Speedwell



Veronica spicata 'Hocus Pocus'
Spike Speedwell



Viola 'Etain'



Viola glabella
Stream Violet



Viola riviniana purpurea
Dog Violet



Viola septentrionalis
Northern Woodland Violet



Viola sororia 'Freckles'
Woolly Blue Violet



Viola tricolor
Johnny Jump-Up



Viola × *wittrockiana*
Pansy



Zantedeschia aethiopic
Calla Lily



Zantedeschia rehmannii
Pink Calla Lily

Grass . . . and things that look like grass

Yes, grasses and sedges and their relatives are flowering perennials, but they are separated here because they look so different from everything else. An old saying reminds us that “Sedges have edges; grasses are round, and hollow right up from the ground.” As a first step to identification, try rolling a stem between two fingers. The round stem of grass will move easily, while the three-cornered stem of sedge will offer resistance. There are hundreds of species of grass and sedge native to this area and it is likely that many of them are to be found on campus; some as ornamentals, others in the wild areas near the lake, even - though we don't like to admit it - a few as weeds.



Acorus gramineus 'Ogon'
Sweet Flag



Acorus gramineus 'Pusillus Aurea'
Dwarf Sweet Flag



Arrhenatherum elatius
Bulbous Oat Grass



Carex comans
New Zealand Hair Sedge



Carex elata 'Bowles Golden'
Tufted Sedge



Carex flagellifera
New Zealand Hair Sedge



Carex morrowii 'Ice Dance'
Japanese Sedge



Carex oshimensis 'Evergold'
Golden Sedge



Chasmanthium latifolium
'River Mist'
Variegated Northern Sea Oats



Cortaderia selloana 'Pumila'
Dwarf Pampas Grass



Deschampsia cespitosa
Tufted Hair Grass



Fargesia nitida
Blue Fountain Bamboo



Festuca glauca 'Elijah Blue'
Blue Fescue



Festuca idahoensis 'Siskiyou Blue'
Idaho Blue Fescue



Hakonechloa macra 'Aureola'
Japanese Forest Grass



Helictotrichon sempervirens
Blue Oat Grass



Imperata cylindrica 'Red Baron'
Japanese Blood Grass



Isolepis cernua
Fiber Optic Grass



Juncus effusus
Common Rush



Luzula sp
Wood Rush



Miscanthus sinensis
Maiden Grass



Miscanthus sinensis 'Little Zebra'
Zebra Grass



Pennisetum alopecuroides
Fountain grass



Phyllostachys aurea
Golden Bamboo



Phyllostachys nigra
Black Bamboo

Ferns . . . and other non-flowering perennials

These perennials, more ancient than flowering plants, reproduce by spores rather than seeds. Our moist, temperate climate makes the northwest prime fern country and you may find a number of other species as you walk the Panorama campus.



Adiantum x mairisii
Mairis' Hardy Maidenhair Fern



Adiantum pedatum
Northern Maidenhair Fern



Adiantum venustum
Himalayan Maidenhair Fern



Arachniodes simplicior
Indian Holly Fern



Arachniodes standishii
Upside Down Fern



Asplenium scolopendrium
Hart's Tongue Fern



Athyrium filix-femina
Common Lady Fern



Athyrium filix-femina 'Frizelliae'
Lady Fern



Athyrium niponicum 'Ghost'
Japanese Ghost Fern



Athyrium niponicum 'Pictum'
Japanese Painted Fern



Athyrium otophorum
Asian Lady Fern



Blechnum spicant
Deer Fern



Cyrtomium falcatum
Japanese Holly Fern



Cyrtomium fortunei
Japanese Holly Fern



Dryopteris affinis 'Crispa Congesta'
Scaly Male Fern



Dryopteris x australis
Dixie Wood Fern



Dryopteris carthusiana
Prickly Shield Fern



Dryopteris x complexa
Buckler Fern



Dryopteris cycadina
Shaggy Shield Fern



Dryopteris erythrosora
Autumn Fern



Dryopteris filix-mas 'Cristata'
Crested Male Fern



Dryopteris wallichiana
Wallich's Wood Fern



Equisetum arvense
Horsetail



Gymnocarpium dryopteris
Western Oak Fern



Marchantia polymorpha
Liverwort



Matteuccia struthiopteris
Ostrich Fern



Osmunda cinnamomea
Cinnamon Fern



Polypodium glycyrrhiza
Licorice Fern



Polypodium scolieri
Leather Leaf Fern



Polystichum munitum
Western Sword Fern



Polystichum polyblepharum
Korean Tassel Fern



Polystichum setiferum 'Divisilobum'
Soft Shield Fern



Polystichum tsus-simense
Korean Rock Fern



Polystichum xiphophyllum



Selaginella kraussiana
Clubmoss



Woodwardia fimbriata
Giant Chain Fern

Thank You

For various reasons (usually missed the bloom season or forgot where we put it) it wasn't possible to photograph a few of these plants on campus. Our thanks to the following for pictures used to fill in until we can take our own:

"*Asarum caudatum* 10993" by Walter Siegmund - Own work. Licensed under CC BY 2.5 via Wikimedia Commons; *Iris* 'Black Gamecock' (c)2008 Derek Ramsey (Ram-Man)/Chanticleer Garden. (Self-photographed) CC-BY-SA-3.0 (<http://creativecommons.org/licenses/by-sa/3.0/>), via Wikimedia Commons; *Nuphar polysepala* (1) von Marshal Hedin from San Diego Uploaded by uleli. Lizenziert unter CC BY 2.0 über Wikimedia Commons; "*Dryopteris carthusiana*" by Franz Xaver - Own work. Licensed under CC BY-SA 3.0 via Wikimedia Commons.

Annuals

At least we grow them as annuals. Most are actually tropical perennials or shrubs which grow fast enough to give a good show in one year but will not survive the winter here. You will notice a few, such as zinnia and marigold, which are true annuals - going from seed to flower to seed to death in less than one year. Here are a selection of annuals found at Panorama in the Summer of 2018.



Antirrhinum majus
Snapdragon



Argemone polyanthemos
Crested Pricklypoppy



Asclepias curassavica
Tropical Milkweed



Begonia boliviensis
Bolivian Begonia



Begonia rex-cultorum
Rex Begonia



Begonia x hiemalis
Elatior Begonia



Begonia x semperflorens
Wax Begonia



Begonia tuberhybrida
Tuberous Begonia



Bidens ferulifolia
Apache Beggarticks



Bracteantha bracteata
Strawflower



Calendula officinalis
Pot Marigold



Calibrachoa x hybrida
Million Bells



Canna hybrid



Clarkia amoena
Farewell To Spring



Cleome hasslerana
Spider Flower



Cosmos bipinnatus



Datura metel
Devil's Trumpet



Fuschia x hybrida



Fuchsia triphylla
'Gartenmeister Bonstedt'



Gazania rigens
Treasure Flower



Gerbera x hybrida



Helianthus annuus
Sunflower



Impatiens hawkeri
New Guinea Impatiens



Impatiens walleriana
Busy Lizzie



Ipomoea batatas
Sweet Potato



Lantana camara



Lathyrus odoratus
Sweet Pea



Lobelia erinus



Lobularia maritima
Sweet Alyssum



Mandevilla splendens
Dipladenia



Nemesia strumosa



Nicotiana glauca
Flowering Tobacco



Osteospermum hybrid
African Daisy



Papaver rhoeas
Shirley Poppy



Papaver somniferum
Opium



Pelargonium grandiflorum
Martha Washington Geranium



Pelargonium peltatum
Ivy Geranium



Pelargonium zonale
Zonal Geranium



Petunia hybrida



Phaseolus coccineus
Scarlet Runner Bean



Plectranthus scutellarioides
Coleus



Portulaca grandiflora
Moss Rose



Sutera cordata
Bacopa



Tagetes erecta
African Marigold



Tagetes patula
French Marigold



Thunbergia alata
Black-eyed Susan Vine



Tropaeolum majus
Nasturtium



Verbena hybrid



Xerochrysum bracteatum



Zinnia elegans