



Black-chinned Hummingbird and Indian Pinkflowers. Photo: Richard O. Pick - Audubon Photography Awards

2018 Idaho Native Plant Sale

sponsored by the Idaho Native Plant Society Pahove Chapter & the IDFG-MK Nature Center

Saturday, April 28, 10am-1pm

at the MK Nature Center, 600 S. Walnut, Boise

behind the Fish & Game Building

INPS Members Only Sale:

Friday, April 27, 5pm-7pm

you may become a new member or

renew your INPS membership at the Friday pre-sale!

Questions? Call Susan 208-867-6188

Celebrating
the Year of the Bird



Scientific Name	Common Name	Availability as of 4/26/18 www.idahonativeplants.org (Pahove Chapter tab)							
TREES AND TALL SHRUBS (Shrubs greater than 6' tall)		Full Sun	Part Sun	Part Shade	Full Shade	Water Needs	Soil Preference	Community	Plant Form
<i>Acer glabrum douglasii</i>	Rocky Mt. Maple		X	X		Moderate	Coarse to Medium textured soil	Mountain	Tree/Shrub
<i>Alnus incana</i>	Mt. Alder		X	X		High	Coarse to Medium textured soil	Mountain	Tree
<i>Amelanchier alnifolia</i>	Saskatoon Serviceberry		X	X		Moderate	Well drained, fine to coarse texture	Mountain	Tree/Shrub
<i>Amelanchier utahensis</i>	Utah Serviceberry	X	X	X		Moderate	Sandy soil- average soil, coarse - fine does not tolerate saline soil	Foothill	Tree/Shrub
<i>Betula occidentalis</i>	Water Birch	X	X	X		High	Adaptable, fine, medium, coarse	Riparian	Tree
<i>Celtis reticulata</i>	Netleaf Hackberry	X				Low- Drought tolerant	Coarse to Medium	Foothills-Semi Desert	Tree/Shrub
<i>Cercocarpus ledifolius</i>	Mountain Mahogany	X	X			Low (Drought Tolerant)	Medium to coarse texture. Well drained.	Foothill	Tree
<i>Cercocarpus montanus</i>	Alder-leaf Mountain Mahogany	X	X			Low	Medium to coarse texture. Well drained.	Foothill	Tree
<i>Cornus sericea</i>	Red-Osier Dogwood	Avoid afternoon sun	X	X	X	Moderate- High, can tolerate dry soil in late summer	Various types, but prefers rich, well drained soils.	Riparian Zone Early in the season	Shrub
<i>Crataegus douglasii</i>	Black Hawthorn	X	X			Low- Moderate	Fine to coarse texture, well drained.	Foothill	Tree
<i>Juniperus scopulorum</i>	Rocky Mt Juniper	X	X			Low (Drought Tolerant)	Well drained dry, rocky, sandy or clay. Coarse to Medium textured	Dry mountains and Foothills	Tree/ Large shrub
<i>Philadelphus lewisii</i>	Mockorange	X	X			Drought Tolerant - Low (More water in spring)	Well drained, coarse to medium textured	Foothill	Shrub
<i>Picea engelmannii</i>	Engelmann Spruce		X	X		Moderate	Fine- medium texture	Mountain	Tree
<i>Pinus flexilis</i>	Limber Pine	X				Low Water, moderately drought tolerant	Loams to sand, adapted to rocky slopes	Mountain, Rocky Ridges	Tree
<i>Populus tremuloides</i>	Quaking Aspen	X	X			High	Tolerant of a wide variety of soils and textures	Mountain, streambanks, upland	Tree
<i>Prunus virginiana</i>	Chokecherry	X	X			Low to Moderate	Well drained, various soil textures	Foothill	Tree
<i>Rhus trilobata</i>	Oakleaf Sumac	X	X			Low- Drought Tolerant once established	Well drained sandy soil. Neutral to slightly acidic tolerant	Foothill	Shrub
<i>Sambucus caerulea</i>	Blue Elderberry	X Afternoon shade	X			Moderate-High	Firm sandy loam to clay, well drained	Foothill	Shrub
<i>Shepherdia canadensis</i>	Russet Buffalobery	X	X			Moderate - Low	Adaptable, tolerates nutrient poor to firm loam to clay soils. Well drained coarse- medium textured.	Foothill	Shrub
<i>Sorbus scopulina</i>	Mountain Ash	X	X	X		Moderate	Moist, well drained, acidic Medium to coarse texture.	Mountain	Tree/Shrub
SMALL SHRUBS & VINES (Shrubs less than 6' tall)		Full Sun	Part Sun	Part Shade	Full Shade	Water Needs	Soil Preference	Community	Plant Form
<i>Artemisia cana</i>	Silver Sagebrush	X				Low	Well drained, rocky soil	Foothill	Shrub, Subshrub
<i>Artemisia frigida</i>	Fringed Sagebrush	X	X	Afternoon shade		Low- short term drought tolerant	Poor to moderately fertile, well-drained soil	Desert	Shrub

SMALL SHRUBS & VINES (cont.d)	(Shrubs less than 6' tall)	Full Sun	Part Sun	Part Shade	Full Shade	Water Needs	Soil Preference	Community	Plant Form
<i>Artemisia tridentata vaseyana</i>	Mountain Big Sage	X				Drought Tolerant to Low	prefers light (sandy) and medium (loamy), well-drained soil and can grow in nutritionally poor soil.	Mountain	Shrub
<i>Artemisia tridentata wyomingensis</i>	Wyoming Big Sage	X				Low-Drought tolerant	Dry well-drained non alkaline rocky soils. Tolerates shallow soil	Foothill-Semi-Desert	Shrub
<i>Atriplex canescens</i>	Fourwing Saltbush	X				Drought Tolerant - Low	well drained soils but tolerates a soil textures from fine to gravelly.	Desert	Shrub
<i>Berberis (Mahonia) repens</i>	Creeping Oregon Grape		X	X	X	Moderate - Low Drought tolerant	Rich, well-drained sandy, loamy, chalky, or granitic.	Semi-Desert	Shrub
<i>Chamaebatiaria millefolium</i>	Fern Bush	X				Low- Drought tolerant once established	Coarse to medium soil, even grow in lava beds, adaptable	Semi-Desert	Shrub
<i>Chrysothamnus vicidiflorus</i>	Green Rabbitbrush	X				Low	Coarse to Medium- well drained	Sagebrush Desert-Semi Desert	Shrub
<i>Chrysothamnus nauseosus (Ericameria nauseosa)</i>	Rubber Rabbitbrush	X	X			Drought Tolerant - Low to Moderate	Can thrive in poor dry disturbed soils. Lean, well-drained soil.	Sagebrush Desert-Semi Desert	Shrub
<i>Clematis columbiana</i>	Blue Clematis		X	X		Medium-Low to Moist	Sandy, loamy or clay soil	Foothill-Mountain	Perennial Woody Vine
<i>Grayia spinosa</i>	Spiny Hopsage	X				Low- Drought Tolerant	Adaptable: gravelly, dry heavy, clay soils. Prefers sandy soils that are free of salt and hardpans.	Semi- Desert-Foothill	Shrub
<i>Holodiscus discolor</i>	Oceanspray	X	X	X		Moderate	Variety of soil textures. Dry, rocky, talus to understory moist.	Foothill	Shrub
<i>Krascheninnikovia lanata</i>	Winterfat	X				Drought tolerant	Well drained	Desert	Shrub
<i>Pachystima myrsinites</i>	Mountain Boxwood / Mountain Lover		X	X	X	Low to moderate	Rich, well drained	Mountain	Shrub/ groundcover
<i>Physocarpus malvaceus</i>	Mallow Ninebark	X	X	X		Low	Well-drained, variety of textures	Foothill	Shrub
<i>Potentilla fruticosa</i>	Shrubby Cinquefoil		X			Moderate	Tolerant of all soil types, even poor soils.	Foothill	Shrub
<i>Purshia tridentata</i>	Bitterbrush	X	X			Low- Drought tolerant	Coarse to medium textured well drained, dry soils	Sagebrush Desert to dry forest	Shrub
<i>Ribes aureum</i>	Golden Currant	X	X	X		Low to Moderate	Sandy loam to medium textured well drained, moist soils.	Foothill	Shrub
<i>Ribes cereum</i>	Wax Currant	X	X			Low	Dry, rocky or sandy soils.	Foothill	Shrub
<i>Ribes lacustre</i>	Prickly Currant		X	X	X	High	Moist, woodland type soil	Foothill - Mountain	Shrub
<i>Rosa woodsii</i>	Woods Rose	X	X	X	X	Drought Tolerant - Low	Sandy or light clay soils	Foothill	Shrub
<i>Rubus parviflorus</i>	Thimbleberry		X	X	X	Moderate	Rocky soils, dry to moist.	Mountain	Shrub
<i>Spiraea douglasii</i>	Pink Spirea	X	X			Moderate	Medium, loamy to coarse soils.	Mountain	Shrub
<i>Symphoricarpos albus</i>	Common Snowberry		X	X	X	Low	Tolerates variety of soil also infertile sands and gravels	Mountain	Shrub
<i>Symphoricarpos oreophilus</i>	Mountain Snowberry		X	X		Low- moderate Drought tolerant	Sandy loam to clay loam, does not tolerate alkalinity or salinity	Mountain	Shrub
FORBS, SUB-SHRUBS and GROUNDCOVER	(a FORB is a perennial / herb)	Full Sun	Part Sun	Part Shade	Full Shade	Water Needs	Soil Preference	Community	Plant Form
<i>Achillea millefolium</i>	Common Yarrow	X	X			Low- Drought tolerant	Poor and well drained	Foothill, grassland, open forest	Forb
<i>Allium cernuum</i>	Nodding Onion		X	X	X	Moderate	Moderately rich soil, sand, loam, clay	Foothill, prairie	Herb
<i>Anaphalis margaritacea</i>	Pearly Everlasting	X	X			Low- Moderate	It is tolerant of poor, sandy and gravelly soil.	Mountain	Forb
<i>Antennaria microphylla</i>	Rosy Pussytoes	X	X			Low	Prefers well drained soil but can adapt to many types.	Foothill	Forb/ Ground-cover
<i>Aquilegia caerulea</i>	Blue Columbine			X	X	Moderate/moist	Needs medium texture to moist talus soil & adequate drainage.	Mountain	Forb
<i>Aquilegia formosa</i>	Western Red Columbine		X	X	X	Moderate/moist	Medium to coarse soil and a cool afternoon location.	Mountain	Forb
<i>Arctostaphylos uva-ursi</i>	Kinnickinnik		X	X		Low-Moderate	Well drained soil is essential. Rocky, sandy, acidic	Mountain	Ground-cover
<i>Arenaria kingii</i>	King's Sandwort	X				Low (not drought tolerant)	Fine to Medium textured soil.	Semi desert, shrub-land	Forb/ Subshrub
<i>Asclepias fascicularis</i>	Narrow Leaf Milkweed	X				Low-semi drought tolerant	Well drained clay, sandy or average soil	Many communities, foothills-forest	Forb
<i>Asclepias incarnata</i>	Swamp Milkweed	X	X			High	Fine-medium textured slightly acidic soil, tolerates up to 8.0pH.	Streambanks, pond shores floodplains	Forb
<i>Asclepias speciosa</i>	Showy Milkweed	X	X			Moderate	Well drained, fine to coarse textured soil	Mixed evergreen Forest	Forb
<i>Balsamorhiza sagittata</i>	Arrowleaf Balsamroot	X				Low to Moderate	Deep, sandy or gravelly soils.	Foothill	Forb
<i>Boltonia asteroides</i>	False Aster	X	X			Low to Moderate	Medium-coarse soil, tolerates "wet feet"	Foothill-meadows	Forb
<i>Camassia quamash</i>	Small Camas	X	X	X		High in spring then lower	Fine to coarse soil with very moist spring and dry summer.	Moist-Meadow	Forb

FORBS, SUB-SHRUBS & GROWDCOVER (cont'd)	(a FORB is a perennial / herb)	Full Sun	Part Sun	Part Shade	Full Shade	Water Needs	Soil Preference	Community	Plant Form
<i>Chamerion angustifolium</i>	Fireweed		X	X		Moderate to High	Variety of Soils, disturbed areas	Meadow to Forest	Forb
<i>Cleome serrulata</i>	Rocky Mountain Beeplant	X	X	X		Moderate	Well drained light sandy and medium loamy soils.	Prairie to Mountain	Annual Forb
<i>Echinacea purpurea</i>	Purple Coneflower	X	X			Low - Moderate	Adaptable to many soil conditions	Tall grass Prairie,	Forb
<i>Erigeron compositus</i>	Cutleaf Daisy	X	X	X		Low	Exposed slopes with good drainage, granite gravels	Foothills	Forb
<i>Erigeron linearis</i>	Desert Yellow Fleabane	X				Very Low	Sandy or loamy well drained garden soil	Desert	Forb
<i>Erigeron pumilus</i>	Shaggy Daisy	X				Low Drought tolerant	Sandy, gravelly, to clay, dry, well drained	Foothills, Sage, Shrub-steppe	Forb
<i>Erigeron speciosus</i>	Aspen Fleabane	X				Low	Mostly sandy to some clay	Mountain	Forb
<i>Erigeron subtrinervis</i>	Threeneerve Fleabane	X				Low	Dry to moist soils that are well drained	Mountain	Forb
<i>Eriogonum caespitosum</i>	Mat Buckwheat	X				Low	Well drained sandy or rocky soil, Rock Gardens.	Alpine to Shrub Steppe	Forb
<i>Eriogonum compositum</i>	Arrowleaf Buckwheat	X				Drought tolerant- low	Exposed slopes w/ good drainage, granite gravels	Semi-Desert	Sub-shrub
<i>Eriogonum heracleoides</i>	Wyeth Buckwheat (Hercules)	X				Low	Coarse, rocky well drained soils	Semi-Desert	Sub-shrub
<i>Eriogonum niveum</i>	Snow Buckwheat	X				Low	Dry, rocky well drained soil	Semi-Desert	Sub-shrub
<i>Eriogonum strictum</i>	Strict Buckwheat	X				Very Low	Sandy, Gravelly	Foothill	Forb
<i>Eriogonum umbellatum</i>	Sulfur Buckwheat	X				Low	Moderately coarse, well drained soil	Foothill	Forb
<i>Fragaria vesca</i>	Woodland Strawberry	X	X	X		Moderate	humusy, fertile, medium moisture, well-drained soil	Mountain	Forb/ groundcover
<i>Fragaria virginiana</i>	Wild Strawberry	X	X	X		Moderate	Variable, tolerant of slightly acidic soil, medium wet-dry	Mountain	Forb/ groundcover
<i>Gaillardia aristata</i>	Indian Blanket flower	X				Low-Moderate	Moderate to well drained soils	Varies	Forb
<i>Geranium viscosissimum</i>	Sticky Purple Geranium		X			Moderate	Dry mesic to moist soils- Is not adverse to rich soil	Foothill	Forb
<i>Geum triflorum</i>	Prairie Smoke	X	X			Moderate	Rich prairie loams clay and sand, well drained	Foothill	Forb
<i>Helianthella uniflora</i>	One Flowered Helianthella	X	X	X		Low-moderate Semi- Drought tolerant	Coarse textured soil	Foothill - Mountain	Forb
<i>Helianthus maximiliani</i>	Maximilian Sunflower	X	X			Low	Prefers moist clay but tolerates medium, sandy & clay loams	Prairie	Forb
<i>Heterotheca villosa</i>	Hairy False Goldenaster	X				Low-moderate	Well-drained dry, gravelly, sandy, even lava	Foothills- sub Alpine	Forb/ subshrub
<i>Hymenoxys acaulis</i>	Sundancer Daisy	X				Low	Lean, well-drained soil	Desert	Forb
<i>Iliamna rivularis</i>	Mountain Hollyhock		X			Moderate	Moist, rich soil	Mountain	Forb
<i>Ipomopsis aggregata</i>	Scarlet Gilia	X				Low	Sandy, sandy loam, Medium texture to igneous.	Mountain	Forb
<i>Iris missouriensis</i>	Rocky Mountain Iris	X	X			Moist in spring, then drier in summer	Wet soils, drier in summer	Meadows	Forb
<i>Lewisia rediviva</i>	Bitterroot	X	X	X		Moist in spring, dry in summer	Loose rocks, gravelly, very well drained	Foothills	Forb
<i>Linum lewisii</i>	Blue Flax	X	X			Low-moderate	Prefers sandy soils	varies	Forb
<i>Lupinus argenteus</i>	Silvery Lupine	X	X			Low - moderate, slightly drought tolerant	Fine to Coarse textured soils, well drained, non-saline.	Foothill to Mountain	Forb/ Subshrub
<i>Lupinus polyphyllus</i>	Big Leaf Lupine	X	X	X		High	Damp-wet, tolerates acidic and nutrient poor	Riparian	Forb
<i>Lupinus sericeus</i>	Silky Lupine	X	X	X		Low	Medium to coarse and moist to dry soils	Sagebrush grasslands- Mountain	Forb/ Subshrub
<i>Monarda fistulosa</i>	Wild Bergamot	X	X	X		Moderate	Thrives in a wide range of soils, from acid to lime to rich to poor to sand to clay.	Mountain	Forb
<i>Penstemon confertus</i>	Yellow Beardtongue		X	X		Moderate	Coarse to fine, moderately heavy well drained	Foothills, Streambanks	Forb Subshrub
<i>Penstemon cyananthus</i>	Wasatch Beardtongue	X	X	X		Low to Moderate	Gravelly well drained loam to sandy	Foothills, low mountain	Forb
<i>Penstemon cyaneus</i>	Dark Blue Penstemon	X	X			Moderate	Well drained to coarse	Sagebrush steppe, low mountain	Subshrub /Forb
<i>Penstemon deustus</i>	Hot rock Penstemon	X				Moderate	Dry, rocky soil	Semi-Desert- Foothills	Forb
<i>Penstemon eatonii</i>	Firecracker penstemon	X	X			Low- Drought tolerant	Dry gravelly soils, sandy loam	Foothills	Forb
<i>Penstemon fruticosus</i>	Shrubby Penstemon	X	X			Low to Moderate	Dry gravelly soils, to sandy loamy	Mountain	Forb/shrub
<i>Penstemon payettensis</i>	Payette Penstemon	X				Low	Rocky, talus and good drainage.	Foothills- sub alpine	Forb
<i>Penstemon pinifolius</i>	Pineleaf Penstemon	X	X			Low, drought tolerant	Well drained	Semi desert	Forb/ subshrub

FORBS, SUB-SHRUBS & GROUND COVER (cont'd)

(a FORB is a perennial / herb)

		Full Sun	Part Sun	Part Shade	Full Shade	Water Needs	Soil Preference	Community	Plant Form
<i>Penstemon procerus</i>	Littleflower Penstemon	X	X			Low to moderate	Tolerates a wide variety of soils but needs good drainage.	Desert	Forb
<i>Penstemon rydbergii</i>	Rydberg's Penstemon	X	X			Low-Moderate	Medium to fine textured soil	Mountain	Forb/ subshrub
<i>Penstemon strictus</i>	Rocky Mt. Penstemon	X				Low, drought resistant	Well drained average - sandy	Foothill	Forb
<i>Penstemon venustus</i>	Lovely Penstemon	X				Moderate	Gravelly to well drained soils	Mountain	Forb
<i>Penstemon wilcoxii</i>	Wilcox Penstemon	X				Low	Coarse to medium textured soil, sandy rocky well drained	Foothill to Mountain	Forb/ Subshrub
<i>Petrophytum caespitosum</i>	Mat Rockspirea	X	X	X		Low	Rocky, sandstone. Rock garden.	Mountain	Subshrub
<i>Salvia dorrii</i>	Purple Desert Sage	X				Low-Moderate	Well drained, tolerates sand	Desert	Subshrub
<i>Sidalcea oregana</i>	Oregon Checkerbloom		X	X		Moderate to High Do not overwater	Coarse to medium	Meadow, Shrubbe Steppe to Mountain	Subshrub, Forb
<i>Sisyrinchium idahoense</i>	Idaho Blue Eyed Grass		X	X		Moderate-High	Moist sites in spring with well-drained soil	Forest-Riparian	Forb
<i>Sisyrinchium montanum</i>	Strict Blue Eyed Grass	X	X	X		Moist in Spring, moderate dry summer	Sandy, moist rich soil with good drainage	Moist meadow, seeps	Forb
<i>Sphaeralcea grossulariifolia</i>	Gooseberry Globemallow	X	X			Low	Coarse to medium texture, well drained.	Desert	Forb/ subshrub
<i>Sphaeralcea munroana</i>	Orange Globemallow	X				Drought tolerant - Low	Adapts to a variety of soil, even heavy clay	Desert	Forb
<i>Viguiera multiflora</i>	Showy Goldeneye	X				Low	Well drained loam to sand soils	Foothills to Mountain	Forb
<i>Wyethia amplexicaulis</i>	Northern Mules Ears	X	Afternoon shade			Moderate	Moist - dry well drained, Fine-medium texture.	Foothills, Meadow	Forb
CACTUS & FERNS		Full Sun	Part Sun	Part Shade	Full Shade	Water Needs	Soil Preference	Community	Plant Form
<i>Opuntia fragilis</i>	Brittle Prickly Pear	X				Low-Drought Tolerant	Dry, Well drained, sandy, gravelly	Semi-desert, Foothill	Succulent shrub
<i>Opuntia polyacantha</i>	Plains Prickly Pear	X				Low-Drought Tolerant	Dry, Fine to coarse texture, well drained	Semi-desert, Foothill, Dry Prairie	Succulent shrub
<i>Opuntia polyacantha var. rhodantha</i>	Plains Prickly Pear Rhodantha	X				Low-Drought Tolerant	Dry, Fine to coarse texture, well drained	Semi-desert, Foothill, Dry Prairie	Succulent shrub
<i>Polystichum munitum</i>	Western Swordfern		X	X	X	Moderate, mildly drought tolerant once established.	Rich well drained acidic soil with small stones	Mountain	Fern
GRASSES		Full Sun	Part Sun	Part Shade	Full Shade	Water Needs	Soil Preference	Community	Plant Form
<i>Bouteloua gracilis</i>	Blue Grama	X				Low, Drought Tolerant	Versatile: Sandy, Loamy, Rocky, Dry- Average well drained. Does not tolerate wet or acid soil.	Semi- Desert to Foothill	Grass
<i>Koeleria macrantha</i>	Prairie Junegrass	X	X	X		Low- Moderate well drained soil	Deep, moderately coarse well drained soil	Foothill - Mountain	Grass
<i>Leymus cinereus</i>	Great Basin Wildrye	X	X			Drought Tolerant	Dry to moist sandy soils, adapts to a variety of soils	Desert	Grass
<i>Schizachyrium scoparium</i>	Little Bluestem	X	X	X		Low- moderate Drought tolerant	Tolerates most any soil type	Foothill-Mountain	Grass

Sun exposure key:

- Full sun:** 6 or more full hours of direct sunlight
- Part sun:** 3 to 6 hours of sunlight, tolerates afternoon sun
- Part shade:** 3 to 6 hours of sunlight, avoid afternoon sun okay
- Full shade:** less than 3 hours of direct sunlight, filtered sun for the rest of the day.

Precipitation key:

- Desert:** less than 10" annual precipitation (low)
- Semi-Desert:** 10"-15" annual precipitation (low-moderate)
- Foothill:** 15" – 20" annual precipitation (moderate)
- Mountain:** 20" – 30" annual precipitation (moderate- high)
- Riparian:** more than 30" annual precipitation (high)
- Wetland:** saturated most of the year

New this year:

Symporicarpus oreophilus, Mountain Snowberry
Asclepias fascicularis, Narrow Leaf milkweed
Boltonia asteroides, False Aster
Fragaria virginiana, Wild Strawberry

Helianthus maximiliana, Maximillian sunflower
Heterotheca villosa, Hairy Goldenaster
Penstemon pinifolius, Pineleaf Penstemon
Petrophytum caespitosum, Mat Rockspirea