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UC Marin Master Gardeners - Succulents

Botanical Name: *Aeonium arboreum 'Zwartkop'*
Common Name: Dark Leaf Aeonium
Plant Type: Succulent
Sun: Full, Half, Shade
Water: Low

Aeonium arboreum 'Zwartkop' is a succulent perennial that is used for accenting effect. Aeonium arboreum grows 3' tall and wide. Each branch has a 6"-8 " wide rosette of dark green, fleshy leaves.The flowers are yellow in clusters.

Plant Height: 1-3'
Flower Color: Yellow
Attracts Wildlife: n/a
Leaf Color: Dark Green, Purple
Flower Season: Winter, Spring

Botanical Name: *Aeonium cvs.*
Common Name: Aeonium cultivars
Plant Type: Succulent
Sun: Full, Half
Water: Low

These plants are one of the most useful succulents, due to their decorative effects and sculpturesque quality. The branched stems hold a wide rosetta of either light green or purple leaves. The flowers appear in long, clustered form. They need some shade in hotter areas. Prostrate forms are low-growing and spreading.

Plant Height: 1-3'
Flower Color: Pink, Yellow, White
Attracts Wildlife: n/a
Leaf Color: Green, Dark Green, Light Green, Variegated
Flower Season: Winter, Spring, Intermittent

Botanical Name: *Agave 'Blue Flame'*
Common Name: Blue Flame Agave
Plant Type: Succulent
Sun: Full, Half
Water: Low

Blue Flame Agave is a handsome succulent that forms clumps with rosettes which individually are 2 feet tall by to 4 feet wide. Clumps can build up to 5 feet and taller. The rubbery blue-green leaves have finely serrate margins and terminal spine. The blue tink in the leaves come from a glaucous waxy cuticle that covers the surface of the younger leaves. This feature is sustained by new growth and by giving regular irrigation and avoiding overhead water that can wash the leaf off the leaf surface. Blue Flame should be planted in full sun except in hot inland and desert gardens where ligh ...

Plant Height: 1-3', 3-6'
Flower Color: n/a
Attracts Wildlife: n/a
Leaf Color: Blue Green
Flower Season: n/a

Botanical Name: *Agave parryi v. huachucensis*
Common Name: Parry's Agave, Orange Century Plan
Plant Type: Succulent
Sun: Full, Half
Water: Very Low

This slow growing succulent reaches 2' tall and wide. It is clump forming with a dense rosette made of short gray leaves with dark thorns on the margins. This is the largest of the subspecies of parryi with leaves 2' long. It is subject to Agave weevils. It blooms once in its lifetime, sending up a tall flowering yellow spike. This signals the death of the plant but typically, there are pups surrounding the plant. It may take 30 years for this plant to bloom.

Plant Height: 1-3'
Flower Color: Yellow
Attracts Wildlife: n/a
Leaf Color: Blue Green, Grey Green
Flower Season: Summer

Botanical Name: *Agave victoriae-reginae*
Common Name: Queen Victoria Agave
Plant Type: Succulent
Sun: Full, Half
Water: Low

One of the best choices for containers or small planting areas. Short stout leaves with deep green and white markings. Forms a tight rosette to 18" across. Very slow growing but long lived. Full sun, water sparingly to maintain form. Desert on rocky limestone hills from 4-5000'. Does not often offset. Somewhat subject to weevil attacks. June-July: pale green flowers on 4' spike. Native to the Chihuahuan

Plant Height: Under 1'
Flower Color: Purple, Red
Attracts Wildlife: n/a
Leaf Color: Dark Green
Flower Season: n/a

Botanical Name: *Aloe arborescens*
Common Name: Tree Aloe
Plant Type: Succulent
Sun: Full, Half, Shade
Water: Very Low

This succulent is large, full of branches and produces deep red orange blooms in fall and winter. The flowers produce a nectar that is attractive to many different birds; this plant is grown all over the world. This succulent can reach 8' tall and 5' wide. Leaves are narrow, recurved and tooth margined and can be green or yellowish or blue green, depending on how much sun it receives. It tolerates sun or shade.

Plant Height: 3-6', 6-12'
Flower Color: Orange
Attracts Wildlife: n/a
Leaf Color: Green, Blue Green, Yellow Green
Flower Season: Winter

Botanical Name: *Aloe maculata*
Common Name: Soap Aloe, African Aloe
Plant Type: Succulent
Sun: Full, Half
Water: Low

This succulent plant will grow about 2' high and has large, white-spotted green leaves with orange, pink, and red flowers that bloom in spring and fall. Leaves may get a red tinge in colder weather. Somewhat cold sensitive.

Plant Height: 1-3'
Flower Color: Orange
Attracts Wildlife: Hummingbirds
Leaf Color: Light Green, White, Variegated
Flower Season: Spring, Fall

Botanical Name: *Aloe striata hyb. 'Ghost Aloe'*
Common Name: Ghost Aloe
Plant Type: Succulent
Sun: Full, Half, Shade
Water: Low

Chiseled, triangular leaves form ghostly colored rosettes up to 1.5 feet across, and never exceeding 8" tall. The frosty, light colored leaves pick up an interesting amethyst tint when dry, or during cool winter temperatures. Its winter/early spring blossoms will startle you with brilliant orange flowers suspended 2ft above the plant on tall candelabra stems. Pups, or offshoots, form around the base of the mother plant, eventually producing nice clumps of up to 3 feet across. Full sun to part shade, very salt tolerant at ocean-side locations, does well from regular garden watering to ver ...

Plant Height: Under 1'
Flower Color: Orange
Attracts Wildlife: Hummingbirds
Leaf Color: Grey Green, Red, Variegated
Flower Season: Winter, Spring

Botanical Name: *Aloe zebrina*
Common Name: Tiger Aloe
Plant Type: Ground cover, Perennial, Succulent
Sun: Full, Half
Water: Low

This succulent perennial will only grow 1' tall and 1' wide. It has large, sharp, dark green leaves and clusters of red-orange flowers that bloom in summer. Gold Tooth Aloe drought tolerant when established, native to Africa, forms rosettes heavily offsetting to form wide clusters. Has beautiful golden orange tubular flowers seasonally. Hummingbirds are attracted to this plant. Porous soil with adequate drainage and protection from frost is needed to keep this plant healthy.

Plant Height: 1-3'
Flower Color: Orange
Attracts Wildlife: n/a
Leaf Color: Dark Green
Flower Season: Summer

Botanical Name: *Aptenia cordifolia*
Common Name: Hearts and Flowers
Plant Type: Ground cover, Perennial, Succulent
Sun: Full, Half, Shade
Water: Low, Medium, Extra in Summer

Aptenis is a herbaceous perennial groundcover with fleshy heart shaped leaves on succulent stems. Tiny, solitary red flowers appear among leaves. Foliage is shiny and bright green. It is salt tolerant and great in containers, planters or hanging baskets. It needs full sun or light shade. Be careful not to overwater. It can die back with heavy frost and will not tolerate foot traffic.

Plant Height: Under 1'
Flower Color: Red
Attracts Wildlife: Birds
Leaf Color: Green
Flower Season: Spring, Summer, Fall

Botanical Name: *Bulbine frutescens*
Common Name: Yellow Stalked Bulbine
Plant Type: Succulent
Sun: Full, Half, Shade
Water: Low

Bulbine frutescens is an evergreen perennial that grows 1' in height and 1'-3' in spread. The leaves are narrow and long. This low- spreading plant is attractive year round.

Plant Height: 1-3'
Flower Color: Yellow
Attracts Wildlife: Butterflies
Leaf Color: Light Green
Flower Season: Spring, Summer, Fall

Botanical Name: *Cotyledon orb. var. obl. 'Flavida'*
Common Name: Chalk Fingers
Plant Type: Succulent
Sun: Full
Water: Low, Extra in Summer

his is an attractive South African succulent with long grayish-white chalky-looking finger-like leaves. The upright sturdy flower stems rise boldly 15-18" above the foliage. Clusters of bell-shaped salmon flowers dangle from the tip of the stem like an outrageously over-the-top candelabra! The plant branches from ground level, forming large clumps. The leaves are silvery-white to pale grey-green. With its spiky shaped leaves and silver-green colour, this cotyledon lends its texture, shape and color to many garden situations.

Plant Height: 1-3'
Flower Color: Orange
Attracts Wildlife: Birds
Leaf Color: Grey Green
Flower Season: Summer

Botanical Name: *Cotyledon orbiculata 'Cinderella'*
Common Name: Silver Pig's Ear
Plant Type: Succulent
Sun: Full, Half
Water: Very Low, Low, Medium, Extra in Summer

This succulent perennial will grow 24"-36" high and wide. It is much more compact and densely foliated than the species, with pale gray green, round fleshy leaves edged with a thin red line. During the summer, vertical stalks rise above the foliage and end with bell-shaped, dangling orange flowers. It does best in full sun in coastal areas and needs afternoon shade in warm inland areas. After established, it does best with occasional summer watering but otherwise, drought tolerant. Leaves can poison goats and sheep. A great plant for containers.

Plant Height: 1-3'
Flower Color: Orange
Attracts Wildlife: n/a
Leaf Color: Grey Green, Silver
Flower Season: Summer

Botanical Name: *Crassula ovata*
Common Name: Jade Plant
Plant Type: Shrub, Succulent
Sun: Half
Water: Low

Crassula ovata is an evergreen shrub that grows to 3'-10' tall and 3'-6' wide with gray green, oval, glossy, leathery leaves with red margins (more red appears with more sun). During the winter and spring, small pale pink, fragrant flowers cover the plant. It likes afternoon shade, low watering, and will live in any type of well drained soil. It can be grown as a houseplant but will not bloom. Trunk and branches are thick and gnarled. Flowers attract bees, wasps, butterflies, flies and beetles. Looks great in containers.

Plant Height: 1-3', 3-6'
Flower Color: Pink
Attracts Wildlife: Butterflies
Leaf Color: Grey Green
Flower Season: Winter, Spring

Botanical Name: *Dudleya cymosa*
Common Name: Orange Dudleya
Plant Type: Succulent
Sun: Full, Half
Water: Very Low

1-2" tall x 3-5" wide succulent and gloriously showy bloomer, it has short multi-flowered spikes of brilliant red-orange flowers in late spring. Native to coastal cliffs of the California coast and low-elevation mountains. Extremely cold hardy. Use in rock garden or rock wall crevices. Appreciates protection from afternoon sun. Low fertility, well drained soil.

Plant Height: Under 1'
Flower Color: Orange, Red, Yellow
Attracts Wildlife:
Leaf Color:
Flower Season: Spring, Summer

Botanical Name: *Dudleya farinosa*
Common Name: Live Forever
Plant Type: Succulent
Sun: Full, Half
Water: Very Low

This dudleya grows about 1' tall and 1' wide. is variable in appearance, growing from a branching caudex and forming a basal rosette of wide, pointed, spade-shaped leaves, each up to about six centimeters across. The leaves are generally very pale green but they often have edges or tips of bright colors, particularly bright reds. The plant erects a tall stem which is pale green with pink or red tinting, atop which it bears a branching inflorescence with many pale to bright yellow flowers.

Plant Height: 1-3'
Flower Color: Red
Attracts Wildlife: n/a
Leaf Color: Grey, Silver, White
Flower Season: Spring, Summer

Botanical Name: *Dudleya hassei*
Common Name: Catalina Live-Forever
Plant Type: Succulent
Sun: Full, Half
Water: Very Low

Dudleya hassei is a succulent ground cover with gray, finger-like, swollen leaves that only reaches 6" tall but may spread several feet. Long vertical stems appear in spring, with white flowers. Hummingbirds love this plant. It does best in coastal areas in full sun and infrequent but deep irrigation. It prefers sandy, well draining soil. This plant looks great in containers and around rock outcroppings.

Plant Height: Under 1'
Flower Color: White
Attracts Wildlife: Hummingbirds
Leaf Color: Grey Green, Grey
Flower Season: Spring

Botanical Name: *Echeveria 'Imbricata'*
Common Name: Hens and Chicks
Plant Type: Succulent
Sun: Full, Half
Water: Very Low, Low

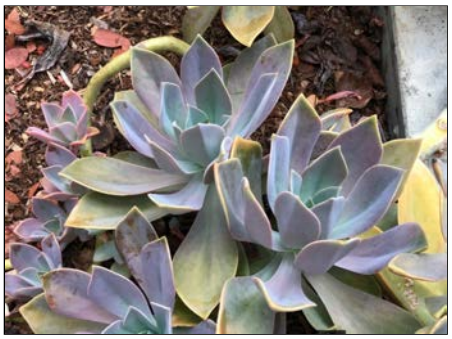
Small succulent, it grows just 2"-3" high and 8" wide. Leaves are flat, gray green and in tightly coiled rosettes. It produces orange, pink, and red blooms during spring and early summer. It can grow in full sun in coastal areas but will appreciate afternoon shade in warm, inland areas. It needs well draining soil and becomes drought tolerant once it's established. This plant will form "babies" or offsets and will spread up to 30".

Plant Height: Under 1'
Flower Color: Orange, Pink, Red
Attracts Wildlife:
Leaf Color:
Flower Season: Spring

Botanical Name: *Echeveria hybrids*
Common Name: Echeveria hybrids
Plant Type: Succulent
Sun: Full, Half
Water: Low

Echeveria hybrids are succulents that has numerous cultivars. This is not a tropical plant. Most have thick, wide leaves and some have ruffled, frilly leaves. Foliage is in rosettes, some tightly coiled and others, loose. They do well in coastal areas and need afternoon shade in warm, inland areas. They like to grow in containers and among rocks and small crevices. They need well draining soil. Leaves come in different colors, thus folks grow them for the foliage more than the flowers which are typically on a thin stalk. Most have offsets, thus easy to propagate. They spread but are typi ...

Plant Height: 1-3'
Flower Color: Purple, Red, Yellow
Attracts Wildlife: n/a
Leaf Color: Grey Green, Pink, Purple, Variegated
Flower Season: Winter, Spring, Summer



Botanical Name: *Graptoveria 'Fred Ives'*
Common Name: Fred Ives Echeveria
Plant Type: Succulent
Sun: Full, Half, Shade
Water: Low

Graptoveria 'Fred Ives': Echeveria hybrid. One of the easier plants to grow, appears to be forgiving. Good multiplier and soon makes a nice mat. Each plant grows to well over 12" in diameter. Flowers appear in the summer on long arching stems with an orange-pink flower. Blue-grey with shades of pink. They grow outdoors in frost free areas. Cold climates must bring them indoors. Very attractive plant. Tender soft succulent - will not tolerate frost.

Plant Height: Under 1'
Flower Color: White
Attracts Wildlife: n/a
Leaf Color: Blue Green, Pink, Purple
Flower Season: Spring

Botanical Name: *Kalanchoe flammea*
Common Name: Kalanchoe of Somalia
Plant Type: Succulent
Sun: Half, Shade
Water: Medium, Extra in Summer

This succulent sub-shrub is lightly branched and grows 12"-16" tall. It has fleshy, gray green, 2.5" long leaves and many-flowered clusters of orange red or yellow flowers in late winter and spring.

Plant Height: 1-3'
Flower Color: Orange
Attracts Wildlife: n/a
Leaf Color: Green, Dark Green
Flower Season: Winter, Spring, Constant

Botanical Name: *Kalanchoe luciae*
Common Name: Paddle Plant
Plant Type: Succulent
Sun: Full, Half
Water: Low

Paddle plant is a succulent that looks like land based clam shells, due to the thick 4-6 inch long by 2-5 inch wide rounded leaves. The leaves are covered with a gray bloom and the leaf margin takes on a reddish hue during cooler winter months if grown in bright light otherwise the leaves remain uniformly green. Best in full sun to light shade. Native of South Africa.

Plant Height: Under 1'
Flower Color: Yellow
Attracts Wildlife: n/a
Leaf Color: Green, Red, Variegated
Flower Season: Spring

Botanical Name: *Kalanchoe pumila*
Common Name: Pumila Kalanchoe
Plant Type: Succulent
Sun: Half, Shade
Water: Low, Extra in Summer

This succulent maintains a low prostrate perhaps mounded form. The leaves are small and compact with a blue green sheen. The flowers are violent and provide a fascinating contrast with the foliage. A real show stopper set of colors.

Plant Height: Under 1'
Flower Color: Violet
Attracts Wildlife: n/a
Leaf Color: Blue Green
Flower Season: Winter, Spring, Intermittent, Constant

Botanical Name: *Mangave 'Blue Dart'*
Common Name: Blue Dart Mangave
Plant Type: Succulent
Sun: Full
Water: Very Low

This small to medium-sized Mangave has a classic "Agave look" while still being a Mangave hybrid. What's special about this succulent is its blue coloration-a perfect choice for combining with other colored succulents such as green or red. It gets its silvery blue appearance from the waxy coating to the leaves. This forms a perfectly symmetrical rosette of very rigid leaves that are edged with dark brown margins and terminal spines. The brown margins really make the blue color pop.

Plant Height: 1-3'
Flower Color: n/a
Attracts Wildlife: n/a
Leaf Color: Blue Green
Flower Season: n/a

Botanical Name: *Portulacaria afra*
Common Name: Elephant's Food, Elephant Bush
Plant Type: Shrub, Ground cover, Succulent
Sun: Full, Half, Shade
Water: Low

This interesting succulent has an irregular growth habit. Depending on pruning and cold, Elephant's Food can be grown as a groundcover or shrub to 12' tall and wide. Plants work very well in containers, and can be used indoors or outdoors. It is drought tolerant but needs some protection from frost. It does best with some shade in most arid climates; otherwise, it tolerates full sun. This plant is a native of South Africa. Tiny lavender flowers bloom in summer only if the winter has been dry; not much irrigation needed for this plant.

Plant Height: 6-12'
Flower Color: Lavender
Attracts Wildlife: n/a
Leaf Color: Green, Dark Green, Light Green
Flower Season: Summer

Botanical Name: *Sedum 'Autumn Joy'*
Common Name: Autumn Joy Sedum
Plant Type: Succulent
Sun: Full, Half
Water: Low, Medium, Extra in Summer

Noted as the finest of all upright Sedums, Autumn Joy Sedum produces from its sturdy stems, a variety of flower heads with an umbrella-like shape, whose color changes from pink to a rosy-red shade. This plant loses its leaves in the winter.

Plant Height: 1-3'
Flower Color: Pink
Attracts Wildlife: Butterflies
Leaf Color: Green, Grey Green
Flower Season: Fall

Botanical Name: *Sedum rupestre 'Angelina'*
Common Name: Angelina Stonecrop
Plant Type: Ground cover, Succulent
Sun: Full, Half
Water: Low

Brilliant chartreuse-yellow, needle-like foliage forms a quick groundcover. Adds cheery color to containers, dry slopes and flowering borders. Excellent for use as year-round coverage for beds with spring bulbs. In winter, foliage turns orange in northern climates. Evergreen in mild climates. - Monrovia.com

Plant Height: Under 1'
Flower Color: Yellow
Attracts Wildlife:
Leaf Color:
Flower Season: Winter

Botanical Name: *Sedum sieboldii*
Common Name: October Daphne
Plant Type: Ground cover, Succulent
Sun: Full, Half
Water: Low

This small perennial will grow 4" tall and 8"-12" wide. It has blue gray leaves with clusters of pink flowers that bloom in the fall.

Plant Height: Under 1'
Flower Color: Pink
Attracts Wildlife: n/a
Leaf Color: Blue Green, Grey Green
Flower Season: Summer, Fall

Botanical Name: *Senecio barbertonicus*
Common Name: Succulent Bush Senecio
Plant Type: Succulent
Sun: Full, Half
Water: Low

Senecio barbertonicus is an evergreen sucullent that can grow to 3 to 5 feet tall by an equal width. It has two inch long fleshy stems, typical of senecios, that bear golden flowers at the tops in the fall and winter. Plant in full sun to light shade in well-drained to sandy soil and irrigate little to occasionally. It can often withstand cold snaps down into the 20s.

Plant Height: 1-3', 3-6'
Flower Color: Gold
Attracts Wildlife: n/a
Leaf Color: Green
Flower Season: Winter, Fall

Botanical Name: *Senecio mandraliscae*
Common Name: Kleinia
Plant Type: Ground cover, Succulent
Sun: Full, Half, Shade
Water: Low

Kleinia is a spreading succulent and ground cover that grows to about 6" to 18" tall with florescent blue green foliage. The ice plant like leaves are long and slender.It is from South Africa and works well in Mediterranean gardens. It is good in most sun conditions and can take very little watering or regular garden watering making it very adaptable for garden design. It performs best with full sun and regular water. Once it is established it is very drought tolerant. It is easy to propagate as are many succulents. Any section of the plant broken off and dug into the soil will reroot.

Plant Height: Under 1', 1-3'
Flower Color: White
Attracts Wildlife: n/a
Leaf Color: Blue Green
Flower Season: Summer

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