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Cactus and succulents identification pdf

Cacti guide. Succulent identification. Succulent species.

Page 1 Donors to the SSC Conservation Communications Cactus and Succulent Plants: Status Survey and Conservation Action Programme and Plan The IUCN/Species Survival Commission is committed to communicate important species conservation information to natural resource managers, decision-makers and others whose actions affect the conservation of biodiversity. The SSC's Action Plans, Occasional Papers, news magazine (Species), Membership Directory and other publications are supported by a wide variety of generous donors including: The Sultanate of Oman established the Peter Scott IUCN/SSC Action Plan Fund in 1990. The Fund supports Action Plan development and implementation; to date, more than 80 grants have been made from the Fund to Specialist Groups. As a result, the Action Plan Programme has progressed at an accelerated level and the network has grown and matured significantly. The SSC is grateful to the Sultanate of Oman for its confidence in and support for species conservation worldwide. The Chicago Zoological Society (CZS) provides significant in-kind and cash support to the SSC, including grants for special projects, editorial and design services, staff secondments and related support services. The mission of CZS is to help people develop a sustainable and harmonious relationship with nature. The Zoo carries out its mission by informing and inspiring 2,000,000 annual visitors, serving as a refuge for species threatened with extinction, developing scientific approaches to manage species successfully in zoos and the wild, and working with other zoos, agencies, and protected areas around the world to conserve habitats and wildlife. The Council of Agriculture (CO&, Taiwan has awarded major grants to the SSC's Wildlife Trade Programme and Conservation Communications Programme.



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Succulent Identification Chart



The **Euphorbia** are named after a Greek surgeon called Euphorbus. He was a physician of Juba II who was Romanised king of a North African kingdom and is supposed to have used their milky latex as an ingredient for his potions. Examples of Euphorbia succulents: Euphorbia anophila Euphorbia Euphorbia mammillaris Variegata Euphorbia monstrose Euphorbia obovata Related Post:204+ Types of Euphorbia Plants [With Pictures] The popular genus *Faucaria* is found in the Eastern Cape Province into the Little and Great Karoo of Western Cape Province. The genus is characterized by its triangular, mottled leaves, the margins of which have rows of soft teeth that curve inward. The flower color ranges from yellow to white and even pink. The various species make excellent pot subjects and have been cultivated in Europe for over three hundred years. All species are active in summer. Some species, such as *F. tigrina*, are quite hardy, while others can be prone to stem rot. Plants are easily propagated by seed. Examples of *Faucaria* succulents: *Faucaria candida* *Faucaria hoooleae* *Faucaria tigrina* *Faucaria tuberculosa* 'Sato' *Fenestraria* is a monotypic genus comprising only one species and one subspecies. On each leaf of this plant, there is a transparent window-like area at the top, it is for these windows (in Latin "fenestra") that the genus name is derived from. Commonly called "Baby Toes", *Fenestraria* has small club-shaped leaves with fenestrate ends and form large clumps by offsetting. Flower colors range from pure white to rich golden yellow. The var. *aurantiaca* distinguish for the flowers that are bright golden yellow colored (never white). Examples of *Fenestraria* succulents: *Fenestraria aurantiaca* *Fenestraria rhopalophylla* Related Post:3 Types of Fenestraria [With Pictures] *Frithia* is a genus of succulent plant in the family Aizoaceae, indigenous to several small rocky areas in the vicinity of Gauteng Province, South Africa. They are low-growing evergreen succulent perennials with erect, club-shaped leaves with a clear window at the apex, and solitary, daisy-like red to purple flowers in late winter. Examples of *Frithia* succulents: *Frithia humilis* *Frithia pulchra* *Furcraea* plants are originally from the tropical regions of both Americas but today, you can find them in many different parts of the world like Thailand, India, Portugal and Australia thanks to the love everyone seems to have for domestic gardening. *Furcraea foetida* (Green Aloe) is the most commonly grown domestic species and smells like rotten leaves.

Examples of *Furcraea* succulents: *Furcraea foetida* variegata *Furcraea gigantea* variegata *Furcraea hexapetala* *Furcraea macdougallii* Related Post:18 Types of Furcraea False Agave [With Pictures] *x Gasteraloe* is a genus of hybrid plants, from mixtures of species from the Aloe or *Aristaloe* and *Gasteria* genera. *x Gasteraloe* hybrids are typically stemless or almost stemless. Their succulent leaves, which are usually spotted or marked and have toothed margins, form rosettes. Examples of *x Gasteraloe* succulents: *x Gasteraloe beguinii* lizard tail *x Gasteraloe* 'Green Gold' *x Gasteraloe* 'Royal Highness' *x Gasteraloe variegata* *x Gasterhaworthia* is a hybrid genus produced from crosses involving the genera *Gasteria* and *Haworthia*. Examples of *x Gasterhaworthia* succulents: *x Gasterhaworthia bayfieldii* *x Gasterhaworthia Hayashi* *x Gasterhaworthia longiassi* *x Gasterhaworthia Ventescar* *Gasteria* is a genus of succulent plants, native to South Africa. It sometimes goes by the colloquial name "ox tongue," after the long, rough texture of the leaves. The plant is named for the sac-like shape of its flowers, which are supposed to resemble a stomach.

Examples of *Gasteria* succulents: *Gasteria armstrongii* *Gasteria bicolor* lilliputana *Gasteria glomerata* 'Ox Tongue' *Gasteria Little Warty* Related Posts:9 Rare Types of Gasteria Succulents [With Pictures] *Gibbaeum* is a genus of about 21 species of small succulent plants of the family Aizoaceae, indigenous to the Little Karoo region of South Africa. The name "Gibbaeum" comes from the Latin *gibbosus* (hunchback). Examples of *Gibbaeum* succulents: *Gibbaeum album* *Gibbaeum comptonii* *Gibbaeum dispar* *Gibbaeum pilosulum* *Glottiphyllum* is a genus of about 57 species of succulent subtropical plants of the family Aizoaceae. It is closely related to the *Gibbaeum* and *Faucaria* genera. The plants of the genus *Glottiphyllum* are small and characterized by long fleshy leaves, oblong, sometimes wider or more cylindrical, depending on the species: it is the shape of the leaves that gives the name to this genre. The stems are short, not particularly hard, and give the plant a drooping posture: the plant is well suited in fact to be grown in hanging baskets or pots, from which the long leaves fall down with a very pleasant decorative effect. The flowers are yellow, shaped like a daisy and rather large; the bloom is in winter and the flowers tend to open only in the late afternoon. The length of the leaves, which gives the measure of the plant as a whole, since it is the most visible part, can reach 10-12 cm. Examples of *Glottiphyllum* succulents: *Glottiphyllum depressum* *Glottiphyllum latifolium* *Glottiphyllum longum* *Glottiphyllum neli* *Graptopetalum* (leatherpetal) is a plant genus of the family Crassulaceae. They are perennial succulent plants and native to Mexico and Arizona. They grow usually in a rosette. There are around 19 species in this genus. The name for the genus comes from the Greek words "graptos", meaning "marked" or "inscribed" and "petalon", meaning "petals" for the markings on the flower petals of many of the species. Examples of *Graptopetalum* succulents: *Graptopetalum pachyphyllum* *Graptopetalum amethystinum* *Graptopetalum paraguayense* *Graptopetalum superbum* Related Post:20 Types Of Graptopetalum [With Pictures] *x Graptosedum* are succulent plants that are hybrid crosses between *Graptopetalum* and *Sedum*. Examples of *x Graptosedum* succulents: *x Graptosedum California* *Sunset* *x Graptosedum Darley* *Sunshine* *x Graptosedum Vera* *Higgins* *x Graptosedum* 'Ghoshi' Related Post:5 Special Graptosedum Varieties [With Pictures] *x Graptoveria* are succulent plants that are hybrid crosses between *Graptopetalum* and *Echeveria*. Examples of *x Graptoveria* succulents: *Graptoveria Amethorum* *x Graptoveria Silver Star* *Graptoveria Fred Ives* *Graptoveria Opalina* Related Post:20 Unique Graptoveria Types [With Pictures] *Haworthia* is a large genus of small succulent plants endemic to Southern Africa (Mozambique, Namibia, Lesotho, Swaziland and South Africa).

Like the aloes, they are members of the subfamily Asphodeloideae and they generally resemble miniature aloes, except in their flowers, which are distinctive in appearance. They are popular garden and container plants. The leaves can be hard, soft, long, short, stacked, grass-like, and in a full range of colors with windows, lines, flecks, bumps, bands, pearls, hairs, spines, and rasps. *Haworthia* taxonomy, as indicated by the sheer number of sub-specific varieties, is a complicated and far from a settled matter. Examples of *Haworthia* succulents: *Haworthia cooperi* *Haworthia cymbiformis* *obtusata* *Haworthia limifolia* *Twister* *Haworthia venosa* *tessellata* Related posts:14 Haworthia Types [With Pictures] *Hesperaloe*, or false yucca, refers to a whole genus of flowering succulents that belong to the family Asparagaceae and subfamily Ageoideae. *Hesperaloe* gets its name from "hesperos", which means "western" in Greek and its second half, "aloe", because of its resemblance to the aloe plant. *Hesperaloe campanulata* *Hesperaloe changii* *Hesperaloe funifera* *Hesperaloe parviflora* Related Posts:7 Types of Hesperaloe [With Pictures] The genus *Huernia* consists of perennial, stem succulents from Eastern and Southern Africa and Arabia, first described as a genus in 1810. The flowers are five-lobed, usually somewhat more funnel- or bell-shaped than in the closely related genus *Stapelia*, and often striped vividly in contrasting colors or tones, some glossy, others matte and wrinkled depending on the species concerned. Frequently the flowers are colored a variation of red, yellow or brown. The genus is considered close to the genera *Stapelia* and *Hoodia*. Phylogenetic studies have shown the genus to be monophyletic, and most closely related to the genus *Tavaresia*, and to a widespread branch of stapeliads comprising the genera *Orbea*, *Piaranthus* and *Stapelia*. Examples of *Huernia* succulents: *Huernia primulina* *Huernia zebra**nia* *Mccoyi* *Huernia thureti* Related Post:46 Types of Huernia [With Pictures] *Ilhenefeldtia* is a succulent genus from the ice plant family of Aizoaceae. Both species of *Ilhenefeldtia* occur in the Northern Cape Province, South Africa. The compact plants have keeled three-sided leaves and showy flowers. They resemble *Cheiridopsis* species but the seed capsules resemble those of *Titanopsis*. They blossom in early spring and the flowers open midday and close at dusk. They need warmth, well-drained soil for succulents, and plenty of water during their active season in autumn and winter. They are easily propagated by seed. Examples of *Ilhenefeldtia* succulents: *Ilhenefeldtia excavata* *Ilhenefeldtia vanzylii* *Jensenobotrya* is a genus of succulent plant in the family Aizoaceae that is endemic to Namibia. Its natural habitat is rocky areas. It grows

It is threatened by habitat loss. *Jensenobotrya lossowiana* is the only species of genus *Jensenobotrya*. Example of *Jensenobotrya* succulent: *Jensenobotrya lossowiana* *Juttadinteria* genus is an Aizoaceae from Namibia's desert areas and savannahs. They are small plants: they reach 20-25 cm in height, they have slow growth. From the green stem, a series of triangular, succulent (as well as the stem, the rest) and elongated leaves come out. They grow paired, placing themselves on opposite sides of the stem. The flowers are daisy-shaped, mostly white, and flourish in autumn and winter: due to the origin of the plant, below the equator, its life cycle is in fact inverted. Examples of *Juttadinteria* succulents: *Juttadinteria albata* *Juttadinteria deserticola* *Juttadinteria kovisimontana* *Juttadinteria simpsonii* *Kalanchoe* is a genus of about 125 species of tropical, succulent flowering plants in the family Crassulaceae, mainly native to Madagascar and tropical Africa. Most are shrubs or perennial herbaceous plants, but a few are annual or biennial. The largest, *Kalanchoe beharensis* from Madagascar, can reach 6 m (20 ft) tall, but most species are less than 1 m (3 ft) tall. *Kalanchoes* are characterized by opening their flowers by growing new cells on the inner surface of the petals to force them outwards, and on the outside of the petals to close them. *Kalanchoe* flowers are divided into 4 sections with 8 stamens. The petals are fused into a tube, in a similar way to some related genera such as *Cotyledon*. Examples of *Kalanchoe* succulents: *Kalanchoe Lavender* *Scallops* *Kalanchoe* *Thyrsiflora* 'Flapjack' *Kalanchoe Tomentosa* *Chocolate Soldier* *Kalanchoe* *x houghtonii* Related Posts:6 Peculiar Mother of Thousands Varieties [With Pictures]40+ Kalanchoe Lower Classifications [With Pictures] *Lampranthus* is a fairly large genus with 100 to 150 species coming from South Africa. It provides some of the most spectacular displays of bright flowers from the succulent world and is widely used as ground cover, either annual or perennial as the climate allows. Several species are used for landscaping and vary from shrubby to trailing. All the species tend to become woody as they age. *Lampranthus aurantiacus* *Lampranthus densifolius* *Lampranthus falcatus* *Lampranthus glaucus* Related Post:67 Types of Lampranthus [With Pictures] *Lapidaria* is a monotypic genus of dwarf succulent plants in the family Aizoaceae. The only species it contains is *Lapidaria margaritae*, also known as the Karoo rose. Example of *Lapidaria* succulent: *Lapidaria margaritae* *Larryleachia* is a genus of stapeliad succulent flowering plants in the family Apocynaceae. Phylogenetic studies have shown the genus to be monophyletic, and most closely related to the stapeliad genera *Richtersveldtia* and *Notchedinopsis*. *Lapidaria* more distantly related is a sister branch of related genera including *Lavrania* and *Hoodia*.

Examples of *Larryleachia* succulents: *Larryleachia cactiformis* *Larryleachia dinteri* *Larryleachia felina* *Larryleachia marlothii* *Lenophyllum* is a genus of flowering plants in the orpine family, Crassulaceae. The roughly seven species it contains are distributed in Texas in the United States and northeastern Mexico. The name is derived from the Ancient Greek words *Λήπος* (lenos), meaning "trough", and *φύλλον* (phyllon), meaning "leaf." Examples of *Lenophyllum* succulents: *Lenophyllum acutifolium* *Lenophyllum guttatum* *Lenophyllum obtusum* *Lenophyllum reflexum* *Lithops* (commonly called "flowering stones" or "living stones") are true mimicry plants: their shape, size and color cause them to resemble small stones in their natural surroundings. The plants blend in among the stones as a means of protection. *Lithops* is a genus of succulent plants in the ice plant family, Aizoaceae. Members of the genus are native to southern Africa. Examples of *Lithops* succulents: *Lithops aucampiae* *Lithops lesliei* *albinnca* *Lithops olivacea* *Lithops salicola* Related Posts:Lithops Life Cycle, Characteristics and Care *x Mangave* is an intergeneric hybrid derived from crosses of two North American genera, *Agave* and *Manfreda*. *x Mangave* is often employed as an ornamental plant in dry environments, as the hybrid possesses traits of durability found in both *Agave* and *Manfreda*. The plant appears as a compact, symmetrical agave with succulent leaves. It grows up to four feet high and six feet wide. The leaves of the plant are stiff, fragile, and variable in foliage color and patterns. *x Mangave* flowers in June and July, producing brown flowers. *x Mangave* inherits the drought-resisting traits of both parent plants. They can resist high temperatures and direct sunlight, but prefer shade. The plant can survive below-freezing temperatures but can become damaged if the temperature drops below -6 degrees Celsius. Examples of *x Mangave* succulents: *x Mangave 'Bloodspot'* *x Mangave 'Freckles & Speckles'* *x Mangave 'Inkblot'* *x Mangave 'Macho Mocha'* *Monanthes* is a genus of small, succulent, subtropical plants in the family Crassulaceae. The about ten species are mostly endemic to the Canary Islands and the Savage Islands, with some found on Madeira. *Monanthes* are not frost-resistant. They are linked with the genera *Sempervivum*, *Greenovia*, *Aichryson* and *Aeonium*, which is obvious for their similar flowers. Examples of *Monanthes* succulents: *Monanthes brachycaulos* *Monanthes muralis* *Monanthes pallens* *Monanthes polyphylla* The plant genus *Monilaria* belongs to the Aizoaceae family or the fig-marigold family. The *Monilaria* are succulents native to South Africa. Examples of *Monilaria* succulents: *Monilaria chrysoleuca* *Monilaria globosa* *Monilaria moniliformis* *Monilaria obconica* *Neohenricia* is a genus of succulent plants in the family Aizoaceae. *Neohenricia* is a small (tiny) cousin of similar-looking species like *Titanopsis*, *Aloinopsis*, *Rhinephyllum* all with rough leaves but its tiny flowers on summer nights exhale a powerful tropical fragrance, perhaps the finest odor of all *Mesembryanthemum* — mixture of pineapple, coconut, and something musky. The collective scent can be detected many meters apart. What is really interesting is that at the beginning the color of the flowers is whitish or greenish not lilac or purple. But after a day or two, it becomes normal purple color. Examples of *Neohenricia* succulents: *Neohenricia sibthetii* *Neohenricia spiculata* *Odontophorus* is a genus of succulent plants in the family Aizoaceae. Examples of *Odontophorus* succulents: *Odontophorus angustifolius* *Odontophorus marlothii* *Odontophorus nanus* *Odontophorus pusillus* *Orbea* is a genus of flowering plants of the family Apocynaceae, first described as a genus in 1812. It is native to Africa. Orbeas are leafless, glabrous, succulent perennials that form compact to diffuse clumps. They branch from the base and often arise from rhizomatous rootstocks. The stems are erect to prostrate and sometimes exhibit a creeping nature. The four-angled stems are usually prominently sharp-toothed, with a soft tip. They usually have well-developed, tooth-like projections (tubercles) on the flanks and are always mottled purplish maroon on a green background, especially distinct when exposed to the sun. At the base of the tubercles, a pair of stipular denticles are found and the stems are without any well-developed leaves. Examples of *Orbea* succulents: *Orbea lutea* *Orbea Variegata* *Orbea verrucosa* *Orbea woodii* *Orostachys* is a genus of the succulent family Crassulaceae (stonecrop family) that contains about 15 species. It is a biennial herb growing in China, Japan, Kazakhstan, Korea, Mongolia, Russia.

Eight species occur in China. *Orostachys* are the most morphologically distinct member of subfamily Sedoideae, characterized by a semi-rosette habit, and spadix-like terminal, narrowly pyramidal to the cylindrical inflorescence.

leaves are linear to ovate, often with dull purple dots.

The stem arrangement is alternate, forming a crowded cauline rosette. The roots are fibrous and it has no rhizome. The flowering stem is solitary, arising from the center of the rosette in the second year. Examples of *Orostachys* succulents: *Orostachys boehmeri* *Orostachys erubescens* *Orostachys fimbriata* *Orostachys japonica* *Oscularia* is a genus of succulent flowering plants in the family Aizoaceae, native to semi-arid and rocky habitats in the Western Cape of South Africa. The most superficially recognizable feature of the genus is the strange shape of the leaves, which are grey-green and waxy. They are triangular in cross-section (3 angled) and can be sickle, club or mouth shaped. The name "Oscularia" actually means "group of tiny mouths" in Latin, and refers to the appearance of the toothed leaves in some species. The stems are often red, and the leaves can become red too during times of drought. Abundant, almond-scented, daisy-like white or pink flowers appear throughout the summer. Examples of *Oscularia* succulents: *Oscularia caulescens* *Oscularia deltoideos* *Oscularia major* *Oscularia pedunculata* *Othonna* is a genus of African plants in the Asteraceae family. These are evergreen or deciduous geophytes, dwarf succulents or shrubs concentrated in the Western Cape Province of South Africa and also in southern Namibia. A few species occur in summer rainfall parts of southern Africa. The genus is closely allied to *Senecio* and can be distinguished principally by details of the involucre. Examples of *Othonna* succulents: *Othonna acutiloba* *Othonna arbuscula* *Othonna calacaloides* *Othonna capensis* *Pachyphytum* is a small genus of succulents in the Crassulaceae family, native from Mexico, which lands at 600 to 1,500 meters (2,000 to 4,900 ft) high. The name comes from the ancient Greek pachys (=thick) and phyton (=plant) because of the shape of the leaves.

Examples of *Pachyphytum* succulents: *Pachyphytum compactum* *Pachyphytum hookeri* *Pachyphytum longifolium* *Pachyphytum oviferum* Related Posts:14 Types of Pachyphytum [With Pictures] *x Pachyveria* is a hybrid cross between *Pachyphytum* and *Echeveria*. They typically grow to 2-6 inches. Examples of *xPachyveria* succulents: *Pachyveria* 'Blue Mist' *Pachyveria* 'Dr. Cornelius' *Pachyveria glauca* 'Little Jewel' *Pachyveria haagei* Related Post:9 Unique Pachyveria Species [With Pictures] *Peperomia* (radiator plant) is one of the two large genera of the family Piperaceae, with more than 1000 recorded species. Most of them are compact, small perennial epiphytes growing on rotten wood. *Peperomia* are wonderful plants to grow indoors as they have so many features that make them ideal houseplants. Examples of *Peperomia* succulents: *Peperomia Caperata* *Peperomia dolabriformis* *Peperomia ferreyrae* *Peperomia Graveolens* *Pleiospilos* is a genus of succulent flowering plants of the family Aizoaceae, native to South Africa. The name is derived from the Greek pleios "many" and "spilos" "spot". The plants are characterized by their highly succulent, rock-like leaves that are heavily dotted. *Pleiospilos neli*, perhaps the most common member of the genus in cultivation, blooms in the winter, while all other species flower in the autumn. The plants are active in the summer and should be kept dry in the winter, except the popular *Pleiospilos neli*, which requires water throughout the winter if it is to do well. They are ideal pot subjects and require a sunny window, but can burn if care is not taken. They are susceptible to red spider mites. Examples of *Pleiospilos* succulents: *Pleiospilos bolusii* *Pleiospilos compactus* *Pleiospilos neli* *Pleiospilos neli* 'Royal Flush' Related Posts:9 Types of Pleiospilos [With Pictures] *Portulaca* is the type genus of the flowering plant family *Portulacaceae*, comprising about 40-100 species found in the tropics and warm temperate regions. They are also known as purslanes. Common purslane is widely considered an edible plant, and in some areas it is invasive. *Portulaca* is especially well-suited for growing in containers on patios and decks, with its fleshy, succulent leaves, red stems, and colorful cactus-like flowers in shades of red, orange, yellow, pink, purple and white. These plants prefer hot, dry, almost desert-like conditions. Examples of *Portulaca* succulents: *Portulaca lutea* *Portulaca molokiniensis* *Portulaca oleracea* *Portulaca umbriatola* *Portulacaria* *afra* (known as elephant bush, dwarf jade plant, pork hush and speckboom in Afrikaans) is a small-leaved succulent plant found in South Africa. These succulents commonly have a reddish stem and leaves that are green, but also a variegated cultivar is often seen in cultivation. Examples of *Portulacaria* succulents: *Portulacaria afra* *Portulacaria afra* *macrophylla* *Portulacaria afra* *variegata* *Portulacaria armiانا* *Prenia* is a genus of succulent plants in the ice plant family Aizoaceae. The species *Prenia vanrensburgii* is a fast-growing, short-lived perennial succulent, endemic to the sunny, windy, littoral seafront or shoreline zone in the coastal parts of the eastern part of the Western Cape.

It is a useful ornamental plant, ideal for seafront gardens. Examples of *Prenia* succulents: *Prenia pallens* *Prenia relaxata* *Prenia sladeniana* *Prenia vanrensburgii* *Pseudolithos* is a genus of succulent flowering plants of the family Apocynaceae, indigenous to Somalia, Yemen and Oman. The plants were first described as a genus in 1965; the name "Pseudo-lithos" means "false-stone" and refers to their pebble-like appearance. All species in this genus are highly succulent, highly reduced, and exhibit tessellation on their stems' surface. Their small flowers appear on the spherical body's surface. Examples of *Pseudolithos* succulents: *Pseudolithos cubiformis* *Pseudolithos harardheranus*

Pseudolithos mccooyi *Pseudolithos migiurtinus* *Rabiea* is a low-growing mat-forming succulent from South Africa. It is a genus of succulent plants in the family Aizoaceae. Examples of *Rabiea* succulents: *Rabiea albinota* *Rabiea albipuncta* *Rabiea comptonii* *Rabiea difformis* *Rhombophyllum* is a genus of succulent plants which contains approximately 3 to 6 species and belongs to the family of the Aizoaceae. It is native to South Africa, mainly to subtropical thicket vegetation in the Eastern Cape. However, the genus has also been observed in the south-eastern Northern Cape. Examples of *Rhombophyllum* succulents: *Rhombophyllum dolabriforme* *Rhombophyllum neli* *Rhombophyllum rhomboideum* *Rosularia* is a small genus of the family Crassulaceae. It includes about 28-35 species from Europe, the Himalayas, and northern Africa. *Rosularia* grows in small rosettes with flat green succulent foliage, much like hens and chicks. Depending on the variety, *Rosularia* foliage often has red, purple or yellow margins that may be covered in tiny hairs, called cilia. When present, these small hairs help plants capture water and nutrients and transport them to the root zone. *Rosularia chrysantha* *Rosularia platyphylla* *Rosularia sedoides* *Rosularia serpentina* *Sanseveria*, commonly known as Snake Plant or Mother-in-law's tongue, is a historically recognized genus of flowering plants in the Dracaenaceae family. Currently included in the genus *Dracaena*, it is native to Africa, Madagascar and southern Asia. Examples of *Sanseveria* succulents: *Sanseveria pinguicula* *Sanseveria trifasciata* 'MoonGlow' *Sanseveria trifasciata* 'Twister' *Sanseveria* 'Whale Fin' Related Posts:32 Types of Snake Plant: *Sanseveria* Varieties Identification [With Pictures] *x Sedeveria* is a hybrid cross between *Sedum* and *Echeveria*. Examples of *x Sedeveria* succulents: *Sedeveria 'Letizia'* *Sedeveria Blue Elf* *Sedeveria Harry Butterfield* *Sedeveria Lilac Mist* Related Post:14 Fantastic Sedeveria Hybrid Succulents [With Pictures] *Sedum* is a large genus of flowering plants in the family Crassulaceae, members of which are commonly known as stonecrops. The genus has been described as containing up to 600 species, subsequently reduced to 400-500. The plants vary from annual and creeping herbs to shrubs. *Sedum* is a genus that includes annual, biennial, and perennial herbs. They are characterized by succulent leaves and stems. The extent of morphological diversity and homoplasy make it impossible to characterize *Sedum* phenotypically. Examples of *Sedum* succulents: *Sedum 'Little Missy'* *Sedum adolphii* *Sedum pachyphyllum* 'Jelly Bean' *Sedum spurium* 'Dragon's Blood' Related Posts:130+ Attractive Sedum Varieties [With Pictures] *Sempervivum* is a genus of about 40 species of flowering plants in the Crassulaceae family, commonly known as houseleeks. Other common names include liveforever (the source of the taxonomical designation *Sempervivum*, literally "always/forever alive") and hen and chicks, a name shared with plants of other genera as well. They are succulent perennials forming mats composed of tufted leaves in rosettes. In favorable conditions, they spread rapidly via offsets, and several species are valued in cultivation as groundcover for dry, sunny locations. *Sempervivums* exist from Morocco to Iran, through the mountains of Iberia, the Alps, Carpathians, Balkan mountains, Turkey, the Armenian mountains, in the northeastern part of the Sahara Desert, and the Caucasus. Their ability to store water in their thick leaves allows them to live on sunny rocks and stony places in the mountain, subalpine and alpine belts. Most are hardy to US zone 4 and will handle warm climates to about zone 8. Examples of *Sempervivum* succulents: *Sempervivum Calcareum* *Sempervivum Gunther* *Sempervivum Mahogany* *Sempervivum Red Lion* *Senecio* is a genus of succulent plants in the family Asteraceae. The name of the genus means "old man". There are about 100 succulent *Senecios*. There are some large shrub varieties, but many are small, trailing plants or spreading ground covers. Examples of *Senecio* succulents: *Senecio haworthii* 'Cocoon' *Senecio herreiianus* 'Raindrops' *Senecio kleiniiformis* 'Spearhead' *Senecio peregrinus* 'Dolphins' Related Posts:24 Senecio Lower Classifications [With Pictures] *Sinocrassula* is a genus of succulent, subtropical plants of the family Crasulaceae. The name "Sinocrassula" means "Chinese crassula". They come from the province Yunnan in the south of China, and also from the north of Burma. They grow at an altitude between 2.500 and 2.700 m. *Sinocrassula* presents rosettes of thin fleshy triangular brown leaves. The plants are up to 20 cm in height. They develop dense clumps. Sometimes, *Sinocrassula* shows monstrous forms. The inflorescence is a dense panicle up to 10-15 cm with whitish flowers and red-tipped petals. *Sinocrassula densirosulata* *Sinocrassula indica* *Sinocrassula yunnanensis* *Stapelia* is a genus of low-growing, spineless, stem succulent plants, predominantly from South Africa with a few from other parts of Africa. Known globally as African starfish flowers, and locally as carrion flowers, members of the genus *Stapelia* are usually characterized by their foul-smelling flowers reminiscent of the odor of rotting meat.

The *Stapelia* hairs, coloration and surface mimic decaying animal matter and attract mostly flies, which act as pollinators. The strong carrion scent is sometimes recognizable at a great distance, especially on hot afternoons. Like other members of the Stapeliads, these succulents look like cactus and are often mistaken as such. Examples of *Stapelia* succulents: *Stapelia divaricata* *Stapelia grandiflora* *Stapelia favovirpurea* *Stapelia scitula* Related Post:34 Types of Stapelia [With Pictures] *Stapelianthus* is a genus of flowering plants in the family Apocynaceae, first described as a genus in 1933. The entire genus is endemic to Madagascar and is concentrated in the far south of the island. The genus is defined by the unique corona structure of its flowers. Examples of *Stapelianthus* succulents: *Stapelianthus decaryi* *Stapelianthus keraudreniae* *Stapelianthus madagascariensis* *Stapelianthus pilosus* *Stapeliopsis* is a genus of succulent plants in the family Apocynaceae, native to southern Africa. Examples of *Stapeliopsis* succulents: *Stapeliopsis neronis* *Stapeliopsis pillansii* *Stapeliopsis saxatilis* *Stapeliopsis urniflora* *Tavaresia* is a genus of plants in the family Apocynaceae, first described as a genus in 1902. It is native to southern Africa. Examples of *Tavaresia* succulents: *Tavaresia angolensis* *Tavaresia barklyi* *Tavaresia grandiflora* *Tavaresia meintjesii* *Titanopsis* is a genus of about 10 species of succulent plants of the family Aizoaceae, indigenous to the arid regions of South Africa and Namibia. The name "Titanopsis" comes from the ancient Greek "titanos" (limestone) and "opsis" (looking like). Naturally growing in the Upper Karoo in South Africa, it is an attractive but quite unusual plant because of its formation. Examples of *Titanopsis* succulents: *Titanopsis aloinopsis* *setifera* *Titanopsis calcaerea* *Titanopsis fulleri* *Titanopsis hugo schlechteri* *Trachyandra* is a genus of plant in the family Asphodelaceae, subfamily Asphodeloideae, first described as a genus in 1843. It is native to eastern and southern Africa, as well as to Yemen and Madagascar. Many of the species are endemic to South Africa. Examples of *Trachyandra* succulents: *Trachyandra falcata* *Trachyandra hirsuta* *Trachyandra tralidis* *Tradescantia* (commonly known as Wandering Jew, Spiderwort or Indian paint) is a genus of 75 species of herbaceous perennial wildflowers in the family Commelinaceae, native to the New World from southern Canada to northern Argentina, including the West Indies. Examples of *Tradescantia* succulents: *Tradescantia nanouk* *Tradescantia pallida* *Tradescantia spatheacea* *Tradescantia zebra* *Trichodiadema* is a genus of succulent plants of the family Aizoaceae. *Trichodiadema* are small, short-stemmed succulents with small, elongated, alternating sections measuring 8 mm long. They are grey and green. At the apex of each alternating section is a ring of small bristles radiating around the center, that gives the appearance of a cactus areola. *Trichodiadema* looks surprisingly like a cactus but is not a cactus. Its leaves are succulent and end in a circle of stiff hairs, giving the plant a similar appearance to some species in the cactus genus *Mammillaria*. Examples of *Trichodiadema* succulents: *Trichodiadema bulbosum* *Trichodiadema densum* *Trichodiadema hallii* *Trichodiadema marlothii* *Tromotriche* is a genus of plants in the family Apocynaceae. It is native to southern Africa. Its Greek name refers to the quivering hairs that surround the lobes of its flowers ("tromo", meaning "trembling" and "trichos", meaning "hair"). Examples of *Tromotriche* succulents: *Tromotriche aperta* *Tromotriche longipes* *Tromotriche revoluta* *Tromotriche umdausensis* *Tylecodon* is a genus of succulent plants in the family Crassulaceae, native to southern Africa. Until the late 1970s all these plants were included in the genus *Cotyledon*, but in 1978 Helmut Toelken of the Botanical Research Institute, Pretoria split them off into a genus of their own.

Tylecodon species are poisonous. Some of them are sufficiently hazardous to livestock to constitute an economic problem for stock farmers. Concerns also have been expressed on potential risks to collectors who handle the plants carelessly. The various species and even individual plants do however vary greatly in toxicity. Examples of *Tylecodon* succulents: *Tylecodon grandiflorus* *Tylecodon sulfultus* *Tylecodon sulphureus* *Tylecodon ventricosus* *Umbilicus* is a genus of over ninety species of flowering plants in the family Crassulaceae. Examples of *Umbilicus* succulents: *Umbilicus horizontalis* *Umbilicus intermedium* *Umbilicus oppositifolius* *Umbilicus rupestris* *Xerosicyos* is a flowering plant genus of the family Cucurbitaceae. Its name comes from Greek xeros (meaning "dry") and sicyos ("cucumber"). There are three species, all endemic to Madagascar. *Xerosicyos danguyi* is a large liana with thick stems and round, gaur succulent leaves. It is commonly called the "Silver Dollar Plant", "String of Coins Plant", "Dollar Vine" or "Penny Plant". Examples of *Xerosicyos* succulents: *Xerosicyos danguyi* *Xerosicyos decaryi* *Xerosicyos perrieri* *Yucca* is a genus of about 40 species of succulent plants in the agave subfamily of the asparagus family (Asparagaceae), native to southern North America. Most species of yucca are stemless, with a rosette of stiff sword-shaped leaves at the base and clusters of waxy white flowers. Examples of *Yucca* succulents: *Yucca aloefolia* *Yucca brevifolia* (Joshua Tree) *Yucca schidigera* Related Post:61 Types Of Yucca Plants [With Pictures] Succulents have water-filled leaves. In fact, a "succulent" is just another name for a "xerophyte." A "xerophyte" is simply a plant that grows in dry soil. That doesn't mean it can't also grow in water – it just means it requires very little moisture. Sources: //www.theplantlist.org/ //www.succulentguide.com/ //www.giromagicactusandsucculents.com/