



CENTRAL ARIZONA CACTUS AND SUCCULENT SOCIETY (CACSS)

2027 Plant List, Categories, and Divisions

This **Plant List, Categories and Divisions** document provides necessary information defining specific plant categories and supports completion of show entry cards. Two additional documents will assist you in completing show entry cards:

- Annual Show Rules
- Blue Ribbon Winners, Active Members spreadsheet

These documents can be accessed on the Show & Sale page of the CACSS website (<https://centralarizonacactus.org>)

Each plant entry must accompany an entry card completed *prior to* submitting the plant to the Showroom. Entry cards are available at monthly meetings before the show. If unable to get cards at club meetings, email the Show Chair at centralarizonacactus@gmail.com for alternative arrangements.

Fill out cards before you bring your plants!

The entry card has two sections that repeat the information. Fill in all information ABOVE and BELOW the line without folding the card, even if the fields in each section are duplicated. This is crucial for judging.

Requirements:

- Print LEGIBLY on the entry cards.
- Sections I and II are for SINGLE PLANTS ONLY. **(Entire plant is on a single non-grafted base)** For example, if you have a pot with 3 *Astrophytum ornatum* regardless of their size, that entry does **not** belong in Section I, Class A, Division 6 (*Astrophytum*). Rather it belongs in Section IV, Class B, Division 1 (Dish Gardens and Planters).
- Variegated plants must be shown in the variegated class. Section 1, Class D for all variegated cacti and Section 2, Class D for all variegated succulents.



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- Place plant labels with botanical name at the back of the pot facing forward.

Section I - CACTACEAE

CLASS A - Individual Specimens

DIVISION

- 1) *Acanthocereus*, *Harrisia*, *Hylocereus*, *Peniocereus*, *Selenicereus*
- 2) *Acharagma*, *Coryphantha*, *Escobaria*, *Neolloydia*, *Pelecyphora*
- 3) *Ancistrocactus*, *Echinomastus*, *Pediocactus*, *Sclerocactus*
- 4) *Ariocarpus*
- 5) *Arthrocereus*, *Arrojadoa*, *Brasilicereus*, *Leocereus*, *Pierrebraunia* (*bahiensis*, *flava*), *Stephanocereus*
- 6) *Astrophytum*
- 7) *Austrocactus*, *Blossfeldia*, *Frailea*, *Mila*, *Pterocactus*, *Yavia*
- 8) *Aztekium*, *Epithelantha*, *Geohintonia*, *Obregonia*, *Strombocactus*
- 9) *Brasilicactus*, *Notocactus*, *Parodia*
- 10) *Brasilopuntia*, *Leuenbergeria*, *Maihuenia*, *Pereskia*, *Pereskiopsis*, *Quiabentia*
- 11) *Buiningia*, *Coleocephalocereus*, *Uebelmannia*
- 12) *Cereus*, *Estevesia*, *Monvillea*, *Praecereus*
- 13) *Cintia*, *Rebutia*, *Sulcorebutia*, *Weingartia*
- 14) *Cipocereus*, *Micranthocereus*, *Sicobaccatus*
- 15) *Cochemiea*, *Mammillaria*, *Mammillopsis*, *Mammilloidea*, *Ortegocactus*
– Single-headed
- 16) *Cochemiea*, *Mammillaria*, *Mammillopsis*, *Mammilloidea*, *Ortegocactus*
– Multi-headed
 - a. Under 7" pot size
 - b. 7" or larger pot size
- 17) *Copiapoa*, *Neowerdermannia*
- 18) *Discocactus*, *Melocactus*
- 19) *Echinocactus*, *Ferocactus*, *Hamatocactus*, *Kroenleinia*, *Leuchtenbergia*
- 20) *Echinocereus* – Single-headed
- 21) *Echinocereus* – Multi-headed
- 22) *Echinofossulocactus*, *Stenocactus*, *Thelocactus*



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- 23) *Echinopsis, Lobivia, Trichocereus*
- 24) Epiphytic cacti (*Aporophyllum, Disocactus, Epiphyllum, Hatiora, Lepismium, Rhipsalis, Schlumbergeria, Weberocereus*)
- 25) *Eriosyce, Horridocactus, Neochilenia, Neoporteria, Pyrrhocactus*
- 26) *Gymnocactus, Turbinicarpus, Kadenocarpus, Rapicactus*
- 27) *Gymnocalycium* - Single headed
- 28) *Gymnocalycium* – Multi-headed
- 29) *Matucana, Oroya, Perucactus, Submatucana*
- 30) Other Cereoids – North American (*Carnegiea, Cephalocereus, Pachycereus, Isolatocereus, Leptocereus, Neobuxbaumia, Stetsonia*, etc.)
- 31) Other Cereoids – South American (*Armatocereus, Borzicactus, Brachycereus, Calymmanthium, Castellenosia, Bragaia, Brasilicereus, Browningia, Cleistocactus, Cremnocereus, Espostoa, Espostoopsis, Facheiroa, Haageocereus, Lasiocereus, Loxanthocereus, Oreocereus, Pygmaeocereus, Rauhocereus, Samaipaticereus, Yungasocereus*, etc.)
- 32) Other Opuntioideae – North American (*Cylindropuntia* [in part], *Corynopuntia, Grusonia, Opuntia* [in part])
- 33) Other Opuntioideae – South American (*Cumulopuntia, Maiheunia, Miqueliopuntia, Opuntia* [in part], *Tacinga, Tephrocactus*)
- 34) *Pilosocereus, Xiquexique, Pierrebraunia (brauniorum, eddie-estevesii)*
- 35) Other Genera



CENTRAL ARIZONA CACTUS AND SUCCULENT SOCIETY (CACSS) 2027 Plant List, Categories, and Divisions

CLASS B - Crested or Monstrose Cactaceae

DIVISION

- 1) Individual Specimens (Entire plant on a single non-grafted base)

CLASS C - Cactaceae Collections

DIVISION

- 1) Two or more specimens of a genus, or groups of similar characteristics, i.e., "Plants of Baja" or "Crested Cactaceae". Each plant shall be individually potted and labeled. Plants may be on their own roots or grafted.

CLASS D - Variegated Cactaceae (all genera and hybrids)

Form, care, and difficulty of culture varies with variegated plants, and these will not be judged with natural forms.

DIVISION

- 1) Individual Specimens (Entire plant on a single non-grafted base)

CLASS E - Intergeneric and Intrageneric Cactaceae Hybrids

DIVISION

- 1) Individual Specimens (Entire plant on a single non-grafted base)

CLASS F – Grafted Cactaceae

DIVISION

- 1) Individual Specimens (Entire plant on a single grafted base) – includes chimera



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SECTION II – Succulents other than Cactaceae

CLASS A - Individual Specimens

DIVISION - Agavaceae

- 1) *Agave, Paleoagave, Paraagave, Echinoagave* – Less than 7" pot size
- 2) *Agave, Paleoagave, Paraagave, Echinoagave* - Greater than or equal to 7"
- 3) *Beaucarnea, Calibanus, Dasylirion, Nolina, Yucca*
- 4) *Hesperaloe, Manfreda, Mangave, Polianthes, Prochnyanthes, Furcraea, Beschorneria*

DIVISION - Aizoaceae

- 5) *Conophytum, Dinteranthus, Lapidaria*
- 6) *Lithops*
- 7) Other Mesembs without prominent roots (*Bijlia, Cheiridopsis, Faucaria, Fenestraria, Frithia, Gibbaeum, Pleiospilos, Titanopsis*)
- 8) Other Mesembs with prominent roots or stems (*Nananthus, Trichodiadema*)

DIVISION – Apocynaceae 9) *Adenium, Plumeria*

- 10) *Pachypodium*

DIVISION - Asclepiadaceae

- 11) *Brachystelma, Ceropegia s.s.*
- 12) *Cynanchum, Sarcostemma*
- 13) *Dishidia, Hoya*
- 14) *Fockea, Raphionacme*
- 15) *Stapeliaeae: Caralluma, Huernia, Stapelia, Stapeliopsis, etc.*
- 16) *Stapeliaeae: Hoodia, Pseudolithos, Whitesloanea, etc.*



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DIVISION - Asphodeloideae

ALOEAE

- 17) *Aloe s.s.*, in pots less than 6 inches
- 18) *Aloe s.s.* in pots 6 inches or greater
- 19) Intrageneric *Aloe s.s.* Hybrids & Cultivars (Intergeneric species are in Class E)
- 20) Other Aloeae Relatives
 - a. *Aloiampelos*
 - b. *Aloidendron*
 - c. *Aristaloe*
 - d. *Gonialoe*
- 21) *Kumara Gasteria*
- 22) Haworthia & Related Genera
 - a. *Haworthia*
 - b. *Haworthiopsis*
 - c. *Tulista*
 - d. *Astroloba*
 - e. *Bulbine*
 - f. *Trachyandra*
 - g. *Bulbinella*
- 23) Other Aloeae genera

DIVISION – Asteraceae

- 24) Othonna, Senecio

DIVISION - Bromeliaceae

- 25) *Abromeitiella*, *Deuterocohnia*, *Dyckia*, *Hechtia*, *Pitcairnia*, *Puya*, etc.

DIVISION - Crassulaceae

- 26) *Adromischus*
- 27) *Aeonium*, *Greenovia*
- 28) *Crassula*, *Cotyledon*, *Kalanchoe*, *Tylecodon*
- 29) *Dudleya*



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- 30) *Echeveria*
- 31) *Echeveria* hybrids
- 32) *Graptopetalum*, *Pachyphytum*, *Tacitus*
- 33) *Sedum*, *Sempervivum*
- 34) Other *Crassulaceae* (incl. intergeneric hybrids)

DIVISION - Convolvulaceae

- 35) *Ipomoea*

DIVISION - Curcubitaceae

- 36) *Gerrandanthus*, *Ibervillea*, *Kedrostis*, etc.

DIVISION - Didereaceae

- 37) *Alluaudia*, *Decarya*, *Didieria*, etc.

DIVISION - Discoreaceae

- 38) *Dioscorea*

DIVISION - Dracaenaceae

- 39) *Dracaena*, *Sansevieria*

DIVISION – Euphorbiaceae

NOTE: Because of the large number of species and diversity of the genus *Euphorbia*, for show purposes, this genus has been divided into several categories primarily based on morphotype (growth form) in order for exhibitors to have more opportunities to display their plants. The associated species lists are not exhaustive, but do include those species most likely to occur in collections. If you don't see your species listed in a category defined below, try to match it with the images of those listed on the Internet. You may also obtain assistance in classifying your plant appropriately at the time of intake/registration.

***Euphorbia* Species Endemic to Madagascar**

- 40) *Decaryi* Complex
E. ambovombensis, *cap-saintmariensis*, *cylindrifolia*, *decaryi*, *francoisii*, *waringiae*
- 41) *Millii* Complex
E. beharensis, *capmanambatoensis*, *capuronii*, *cremersii*, *croizatii*, *delphinensis*, *didieroides*, *genoudiana*, *gottlebei*, *hislopii*, *hoffstaeterii*, *horombensis*, *kondoi*, *mahafalensis*, *millii*, *millotii*, *pedilanthoides*, *rossii*, *sakarahensis*



CENTRAL ARIZONA CACTUS AND SUCCULENT SOCIETY (CACSS) 2027 Plant List, Categories, and Divisions

42) *Viguieri* Complex

E. ankarensis, iharanae, neohumbertii, viguieri

***Euphorbia* Species Not Endemic to Madagascar**

43) Subglobose Species

E. gymnocalycioides, meloformis, obesa, piscidermis, pseudoglobbosa, symmetrica, turbiniformis, valida

44) Spineless Shrubs

E. antisiphilitica, bubalina, bupleurifolia, enterophora, gariepina, gummifera, hamata, lavranii, leucodendron, lignosa, lupulina, misera, montieri, platyclada*, publigans, schimperii, spinea, tirucalli*

*from Madagascar, but included here.

45) Spiny Shrubs, Columnar, and Trees

E. abdelkuri, abyssinica, aeruginosa, ammak, avasmontana, baioensis, cactus, caducifolia, caerulescens, canariensis, candelabrum, confinalis, cooperi, cuprispina, curvirama, dichroa, echinus, enopla, erigavensis, evansii, fractiflexa, frankii, fruticosa, gemmea, godana, grandicornis, grandidens, greenwayi, griseola, handiensis, heptagona, horrida, inarticulata, inconstantia, ingens, lactea, leontopoda, louwii, makallensis, malevola, mammillaris, mitriiformis, multifolia, nerifolia, parciramulosa, pentagona, perangusta, petricola, phillipsiae, phillipsioides, pillansii, poisonii, polyacantha, polygona, pulvinata, quadrangularis, resinifera, restricta, richardsiae, rowlandii, royleana, schinzii, septentrionalis, sepulta, stenoclada, tescorum, tetragona, tortilis, triaculeata, triangularis, trigona, unispina, venenifica, virosa, wakefieldii*

*from Madagascar, but included here.

46) Medusoids

E. aggregata, anoplia, arida, brakdamensis, brevitorta, caput-medusae, clandestina, clava, clavigera, decepta, enormis, esculenta, fasciculata, ferox, fimbriana, flanaganii, globosa, gorgonis, groenwaldii, inermis, knuthii, laikipiensis, micracantha, monacantha, multiramosa, ornithopus, pentops, persistens, petricola, pseudoburuana, pubiglans, pugniformis,



CENTRAL ARIZONA CACTUS AND SUCCULENT SOCIETY (CACSS) 2027 Plant List, Categories, and Divisions

restituta, schoenlandii, stellata, suzannae, tortirama, tuberculata, tubiglans, vandermeriei, woodii

47) Caudiciforms

Any *Euphorbia* species displaying a ***prominent*** caudex or tuberous root system.

Other Genera of Euphorbiaceae

48) *Monadenium*

49) *Jatropha, Pedilanthus, and Synadenium*

DIVISION - Fouquieriaceae

50) *Fouquieria, Idria*

DIVISION - Geraniaceae

51) *Pelargonium, Sarcocaulon*

DIVISION - Moraceae

52) *Dorstenia, Ficus*

DIVISION - Passifloraceae

53) *Adenia*

DIVISION - Pedaliaceae

54) *Pterodiscus, Sesamothamnus, Uncarina*

DIVISION - Portulacaceae

55) *Anancampseros, Avonia, Ceraria, etc.*

DIVISION - Vitaceae

56) *Cissus, Cyphostemma*

DIVISION – All Other Genera of Pachycauls and Succulent Trees

57) *Adansonia, Bombax, Bursera, Boswellia, Ceiba, Chorisia, Commiphora, Jacaratia, Operculicarya, Pachycormus, Senna*

58) Other genera



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DIVISION - Cycadaceae

59) *Cycas*, *Dioon*, *Encephalartos*, *Lepidozamia*, *Macrozamia*, *Zamia*, etc.

DIVISION - Welwitschiaceae

60) *Welwitschia*

DIVISION - Bulbs and plants with bulb-like growth habits

61) *Boophane*, *Bowiea*, *Bulbine*, *Drimia*, *Haemanthus*, *Lachenalia*, *Ledbouria*, *Oxalis*, *Scilla*, etc.

CLASS B - Crested or Monstrous Succulents

DIVISION 1

Individual Specimens (Entire plant on a single non-grafted base)

CLASS C - Succulent Collections

DIVISION 1

Two or more separately potted specimens of a genus or a group with similar characteristics, e.g., "Plants of Baja" or "Crested Succulents". Each plant shall be individually potted and labeled. Plants may be on their own roots or grafted.

CLASS D - Variegated Succulents (All genera and hybrids)

NOTE: Variegated plants do not represent the natural form of the species and thus are not judged fairly with those of the natural form. Form, care, and difficulty of culture varies with variegated plants and will not be judged with natural forms.

DIVISION 1

Individual Specimens (Entire plant on a single non-grafted base)



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CLASS E - Intergeneric and Intrageneric Succulents Hybrids (except Aloes, see Divisions 13 and 14)

DIVISION 1

Individual Specimens (Entire plant on a single non-grafted base)

CLASS F – Grafted Succulents

DIVISION 1

Individual Specimens (Entire plant on a single grafted base) – includes chimera



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SECTION III – Conservation (Seedlings)

Must have been germinated by exhibitor. Must be labeled with sowing or germination dates plus the genus and species. Multiple plants in a pot permitted. Seedlings to be no more than 3 years old.

DIVISION 1 – Single Seedling in a Single Container

CLASS A - Cactaceae

CLASS B – Succulents other than Cactaceae

DIVISION 2 – Multiple Seedlings in a Single Container

CLASS A - Cactaceae

CLASS B – Succulents other than Cactaceae

DIVISION 3 – Seedling Collections – Multiple Plants Individually Potted and Staged Together as One Entry



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SECTION IV – Decorative Planters and Planters with Multiple Plants

Bonsai or Dish Gardens where labels in the container may detract from the appearance of the entry, may have the labels or a plant list placed on the table near the container.

CLASS A - Bonsai. May be one plant or a grove of one or more species

DIVISION

- 1) Pot size under 4"
- 2) Pot size 4" to under 8"
- 3) Pot size 8" or greater

CLASS B - Dish Gardens & Planters

Exhibits may display individual or multiple plants of the same or different genera. Can include props, rocks, driftwood, figurines, etc.

DIVISION

- 1) Cactaceae
- 2) Succulents other than Cactaceae
- 3) Mixed Cactaceae and Succulents

SECTION V – Educational Exhibits

Exhibits displaying any aspect of cacti, succulents, desert botany, or horticulture. Living plants labeled with botanical name as a part of the exhibit are strongly encouraged.

SECTION VI – Allied Interests

Exhibits other than living plants. Crafts, ceramics, works of art, photography, etc.