# Cactus & Succulent Society of San Jose Annual Show Show Rules and Categories

#### THE PURPOSES OF THE SHOW ARE

- 1. To introduce our hobby to the general public by showing as many outstanding plants as possible.
- 2. To give our members a forum in which to show their plants.
- 3. To compete in an informal and friendly atmosphere.

## **EXHIBITOR CLASSIFICATIONS**

This is a local show and as such is limited to those members and exhibitors residing within a two hundred mile radius of San Jose. Judges and out of area growers may display their plants in a separate area for the enjoyment of the public.

NOVICE: If you are under 18, have not won a total of 50 first place ribbons in previous CSSA-

affiliated shows, or have been competing for less than 5 years in CSSA-affiliated shows,

you may exhibit in this class.

ADVANCED: You must exhibit in this class if you no longer qualify for the above class.

OPEN: If you possess or have possessed a nurseryman's license, earn a substantial income from

the sale of plants, or are not a member of CSSSJ, you must exhibit in this class.

These classes are lower limits - anyone may move up. If you feel you have been unfairly advanced you may appeal to the Board of Directors for classification in a lower category. Family members, except children under 18, must show in the same class. Classes apply to Divisions I to V only. Other categories (Collections, Photography, Allied Interests, Displays, etc.) will be judged in a single open class.

## **SHOW RULES**

- 1. You must own the plants you exhibit for at least six months, except displays.
- 2. Vendors who sell at the show must exhibit at least 10 plants in the show, or enter an educational display.
- 3. Plants must be free from pests, disease, and insecticide odor or they will be disqualified and removed from the show.
- 4. All plants must be properly named on the entry card. You need not leave the label in the pot. Unknown plants should be listed by genus.
- 5. Hybrids must be so labeled and may be entered in either of their parents' groups.
- 6. Cristate, monstrose, and variegated plants may be entered as such or in their appropriate category they will be judged on individual merit.
- 7. Entries should be marked with the exhibitor's name in a spot not visible to the judges.
- 8. Entries NOT in Division V, categories 53.1 and 53.2, or in Division VI should have one plant per pot. Natural seedlings too small to be safely removed can be left in place.
- 9. Pot size is measured at the soil line and will be the average dimension for irregular pots.
- 10. Categories may be combined or separated to enhance the show at the discretion of the Show Chair.
- 11. There will be an award for Best Cactus and for Best Succulent in each exhibitor classification, but Overall Awards will apply to the show as a whole.
- 12. Sweepstakes will be awarded for the highest point average. The total number of points awarded to an exhibitor in Divisions I through V will be divided by the number of plants entered in these divisions or 30, whichever is greater. Points awarded will be; 1st = 4 points, 2nd = 2 points, and 3rd = 1 point.
- 13. The Best Allied Interests award is to be judged by the show and sales chairpersons.
- 14. The Show Committee's Award will be awarded to the entry that the show director and chair feel most deserves recognition, but which has not been awarded a prize by the judges.

Updated - 4/18/2013

## **SHOW RULES** (continued)

- 15. Photos are to be matted, but should not be framed, and must be at least 5"-by-7" and no larger than 8"-by-10".
- 16. The Show Committee will settle all disputes and all decisions will be final.

#### **ENTRIES**

Exhibitors will complete their own entry cards. Plants must be brought into the show area and staged after 5:30 PM Friday but before 7:30 PM. No late entries will be accepted. Plants will not be placed on the tables by staging crew. Plants left on the floor or under tables will be disqualified and removed from the show area. Plants may only be removed following the close of the show Sunday at 4:00 PM. All plants and exhibits must be removed at this time.

All due caution will be exercised in safeguarding exhibits, however, the Show and Sale committee, CSSSJ, or its members cannot assume responsibility for injury or damage or loss of property.

#### JUDGING

Judging will take place Saturday morning from 8:00 AM until done and take place in a closed show arena. Open and Advanced plants will be judged against perfection while Novice plants will be judged against other plants entered in their respective categories. Plants of equal merit may be given equal awards. The judging standards follow:

| 50  | points                   |
|-----|--------------------------|
| 20  | points                   |
| 10  | points                   |
| 10  | points                   |
| 5   | points                   |
| 5   | points                   |
| 100 | points                   |
|     | 20<br>10<br>10<br>5<br>5 |

#### DECISIONS OF THE JUDGES ARE FINAL

## **AWARDS**

Awards are chosen by the Show Committee. No cash awards will be given.

## Awards by Class (Novice, Advanced, Open)

- Best Cactus
- Best Succulent

## **Overall Awards**

### Cacti:

- Best Cereinae
- Best Echinocactinae, other than Mammillaria
- Best Echinopsidinae
- Best Mammillaria
- Best Opuntiaceae

#### **Succulents:**

- Best Aizoaceae
- Best Aloaceae

# Overall Awards (continued)

## **Succulents** (*continued*):

- Best Asclepiadaceae
- Best Asteraceae (Compositae)
- Best Crassulaceae
- Best Geraniaceae
- Best Euphorbiaceae
- Best Monocotyledon, other than Aloaceae

### General:

- Sweepstakes
- Best Photography<sup>1</sup>
- Show Committee's Award

<sup>&</sup>lt;sup>1</sup>Refer to the SHOW RULES section. The size, matting, and framing restrictions will be enforced.

## **CATEGORIES**

**NOTE:** If you cannot find an appropriate category in the following tables, refer to the cross-reference by genus on page 7 and the cross-reference by general category on page 8.

# DIVISION I - CACTACEAE (individually potted)

| Subfamily               | Category<br>Number | Genus  |  |  |
|-------------------------|--------------------|--|--|--|
|                         | 1.1                | Wilcoxia, Echinocereus - Solitary  |  |  |
|                         | 1.2                | Echinocereus - Clusters to 6"  |  |  |
| Cereinae                | 1.3                | Echinocereus - Clusters over 6"  |  |  |
|                         | 1.4                | North American Cereoid   |  |  |
|                         | 1.5                | South American Cereoid   |  |  |
|                         | 2.1                | Aylostera, Rebutia, Sulcorebutia   |  |  |
|                         | 2.2                | Acanthocalycium, Lobivia   |  |  |
| Echinopsidinae          | 2.3                | Echinopsis, Soehrensia   |  |  |
| 1                       | 2.4                | Denmoza, Matucana, Submatucana, Oroya                                      |  |  |
|                         | 2.5                | Borzicactus, Espostoa, (Oreocereus = Espostoa)                             |  |  |
| ** .                    | 3.1                | Aporocactus, Epiphyllum (species/hybrids), Hatiora, Hylocereus, Rhipsalis, |  |  |
| Hylocereinae            |                    | Selenicereus, etc.   |  |  |
|                         | 4.1                | Blossfeldia, Buiningia, Frailea, Mila, Uebelmannia                         |  |  |
| <b>X</b> 7              | 4.2                | Malacocarpus, Notocactus, Parodia, Weingartia, Wigginsia                   |  |  |
| Neoporteriinae          | 4.3                | Eriosyce, Horridocactus, Islaya, Neochilenia, Neoporteria                  |  |  |
|                         | 4.4                | Pyrrhocactus, Rodentiophila  |  |  |
| a                       | 5.1                | Discocactus  |  |  |
| Cactinae                | 5.2                | Melocactus   |  |  |
|                         | 6.1                | Echinofossulocactus, Echinocactus (Stenocactus = Echinofossulocactus)      |  |  |
|                         | 6.2                | Astrophytum  |  |  |
|                         | 6.3                | Ferocactus, Hamatocactus   |  |  |
|                         | 6.4                | Leuchtenbergia, Thelocactus  |  |  |
|                         | 6.5                | Gymnocactus, Echinomastus  |  |  |
|                         | 6.6                | Epithelantha, Strombocactus, Turbinicarpus                                 |  |  |
|                         | 6.7                | Pediocactus, Sclerocactus  |  |  |
|                         | 6.8                | Aztekium, Encephalocarpus, Geohintonia, Obregonia, Pelecyphora             |  |  |
|                         | 6.9                | Ariocarpus - up to 5" pot  |  |  |
|                         | 6.10               | Ariocarpus - over 5" pot, single head                                      |  |  |
|                         | 6.11               | Ariocarpus - over 5" pot, multi-headed                                     |  |  |
| Echinocactinae          | 6.12               | Coryphantha, Escobaria, Neolloydia, Ortegocactus                           |  |  |
|                         | 6.13               | Gymnocalycium - up to 5" pot   |  |  |
|                         | 6.14               | Gymnocalycium - over 5" pot  |  |  |
|                         | 6.15               | Copiapoa   |  |  |
|                         | 6.16               | Mammillaria - up to 4" pot, any Mammillaria                                |  |  |
|                         | 6.17               | Mammillaria - 4" to 7" pot, hooked spines                                  |  |  |
|                         | 6.18               | Mammillaria - 4" to 7" pot, no hooks, single head                          |  |  |
|                         | 6.19               | Mammillaria - 4" to 7" pot, no hooks, multi-headed                         |  |  |
|                         | 6.20               | Mammillaria - 7" to 12" pot, hooked spines                                 |  |  |
|                         | 6.21               | Mammillaria - 7" to 12" pot, no hooks, single head                         |  |  |
|                         | 6.22               | Mammillaria - 7" to 12" pot, no hooks, multi-headed                        |  |  |
|                         | 6.23               | Mammillaria - over 12" pot, any Mammillaria                                |  |  |
|                         | 7.1                | North American: Consolea, Cylindropuntia, Corynopuntia, Grusonia,          |  |  |
|                         |                    | Nopalea, Opuntia, Pereskiopsis   |  |  |
| Opuntiodeae             | 7.2                | South American: Austrocylindropuntia, Brasiliopuntia, Opuntia,             |  |  |
|                         |                    | Pterocactus, Quiabentia, Tacinga, Tephrocactus                             |  |  |
| Pereskioideae           | 8.1                | Maihuenia, Pereskia  |  |  |
| 9.1                     |                    |  |  |  |
| Miscellaneous Cactaceae | 9.1                | Any other genus - up to 5" pot   |  |  |

Updated - 4/18/2013

3

# DIVISION II - SUCCULENT GYMNOSPERMS (individually potted)

| Family          | Category<br>Number | Genus                |  |
|-----------------|--------------------|----------------------|--|
| Cycadaceae      | 10.1               | Cycas                |  |
| Welwitschiaceae | 11.1               | Welwitschia          |  |
| Zamiaceae       | 12.1               | Encephelartos, Zamia |  |

## DIVISION III - SUCCULENT MONOCOTYLEDONS (individually potted)

| Family         | Category<br>Number | Genus   |  |  |
|----------------|--------------------|---|--|--|
|                | 13.1               | Agave - up to 7" pot, (Manfreda = Agave)                            |  |  |
| Agavaceae      | 13.2               | Agave - over 7" pot   |  |  |
|                | 13.3               | Furcraea, Hesperaloe, Yucca   |  |  |
|                | 14.1               | Madagascar Aloes  |  |  |
|                | 14.2               | Aloe species  |  |  |
|                | 14.3               | Aloe hybrids  |  |  |
|                | 14.4               | Astroloba, Lomatophyllum, Poellnitzia                               |  |  |
| Aloaceae       | 14.5               | Gasteria  |  |  |
|                | 14.6               | Haworthia - truncata/maughanii                                      |  |  |
|                | 14.7               | Haworthia - retuse species  |  |  |
|                | 14.8               | Haworthia - semiviva/arachnoidea                                    |  |  |
|                | 14.9               | Haworthia - all others  |  |  |
| Amaryllidaceae | 15.1               | Boophane, Haemanthus, Rauhia  |  |  |
| Asphodelaceae  | 16.1               | Bulbine, Buibinella, Trachyandra                                    |  |  |
| Bromeliaceae   | 17.1               | Abromeitiella, Deuterocohnia, Dyckia, Hechtia                       |  |  |
| Commelinaceae  | 18.1               | Callisia, Cyanotis, Setcreasea, Tradescantia                        |  |  |
| Dioscoreaceae  | 19.1               | Dioscorea, Testudinaria   |  |  |
| Dracaenaceae   | 20.1               | Beaucarnea, Calibanus, Dracaena, Nolina, Sansevieria                |  |  |
| Eriospermaceae | 21.1               | Eriospermum   |  |  |
| Hypainthagas   | 22.1               | Albuca, Bowiea, Drimia, Ledebouria, Massonia, Ornithogalum, Scilla, |  |  |
| Hyacinthaceae  |                    | Urginea   |  |  |
| Other Families | 23.1               | Any other succulent Monocotyledon                                   |  |  |

# DIVISION IV - SUCCULENT DICOTYLEDONS OTHER THAN CACTACEAE (individually potted)

| Family           | Category<br>Number | Genus   |  |  |
|------------------|--------------------|---|--|--|
|                  | 24.1               | Argyroderma, Gibbaeum, Lapidaria, Pleiospilos                             |  |  |
|                  | 24.2               | Conophytum, Muiria, Opthalmophyllum                                       |  |  |
|                  | 24.3               | Dinteranthus, Fenestraria, Frithia, Lithops                               |  |  |
| Aizoaceae        | 24.4               | Faucaria, Glottiphyllum, Schwantesia, Stomatium                           |  |  |
|                  | 24.5               | Aloinopsis, Nananthus, Neohenricia, Titanopsis                            |  |  |
|                  | 24.6               | Delosperma, Drosanthemum, Mestoklema, Trichodiadema                       |  |  |
|                  | 24.7               | Any other Aizoaceae   |  |  |
| Anacardiaceae    | 25.1               | Operculicaria, Pachycormus  |  |  |
| Apocynaceae 26.1 |                    | Adenium, Pachypodium - up to 6" pot                                       |  |  |
| Apocynaceae      | 26.2               | Adenium, Pachypodium - over 6" pot  |  |  |
| 27.1             |                    | Stapeliads: Caralluma, Echidnopsis, Hoodia, Huernia, Orbea, Pseudolithos, |  |  |
|                  |                    | Stapelia, Trichocaulon, etc.  |  |  |
| Asclepiadaceae   | 27.2               | Caudiciforms: Brachystelma, Fockea, Raphionacme                           |  |  |
|                  | 27.3               | Vines: Ceropegia, Dischidia, Hoya, Sarcostemma                            |  |  |
|                  | 27.4               | Any other Asclepiad   |  |  |
| Bombacaceae      | 28.1               | Adansonia, Bombax, Ceiba, Chorisia, Pachira                               |  |  |

Updated - 4/18/2013

 $DIVISION\ IV\ -\ SUCCULENT\ DICOTYLEDONS\ OTHER\ THAN\ CACTACEAE\ (individually\ potted)\ (continued)$ 

| Family           | Category<br>Number | Genus   |  |  |
|------------------|--------------------|---|--|--|
| Burseraceae      | 29.1               | Boswellia, Bursera, Commiphora  |  |  |
| Compositae       | 30.1               | Kleinia, Othonna, Senecio   |  |  |
| Convolvulaceae   | 31.1               | Ipomoea, Merremia   |  |  |
|                  | 32.1               | Adromischus   |  |  |
|                  | 32.2               | Aeonium, Aichryson, Greenovia   |  |  |
|                  | 32.3               | Cotyledon, Tylecodon, Kalanchoe                                       |  |  |
|                  | 32.4               | Crassula  |  |  |
|                  | 32.5               | Dudleya   |  |  |
| Crassulaceae     | 32.6               | Echeveria species   |  |  |
|                  | 32.7               | Echeveria hybrids   |  |  |
|                  | 32.8               | Orostachys, Sempervivum   |  |  |
|                  | 32.9               | Sedum   |  |  |
|                  | 32.10              | Pachyphytum, Graptopetalum, (Tacitus = Graptopetalum)                 |  |  |
|                  | 32.11              | Any other Crassulaceae  |  |  |
| Cucurbitaceae    | 33.1               | Gerrardanthus, Ibervillea, Kedostris, Momordica, Seyrigia, Xerosicyos |  |  |
| Didiereaceae     | 34.1               | Alluaudia, Alluaudiopsis, Decarya, Didieria                           |  |  |
|                  | 35.1               | Euphorbia - medusoids   |  |  |
|                  | 35.2               | Euphorbia - caudiciforms  |  |  |
|                  | 35.3               | Euphorbia - globose   |  |  |
|                  | 35.4               | Euphorbia - columnar  |  |  |
| E -1 1           | 35.5               | Euphorbia - shrubs  |  |  |
| Euphorbiaceae    | 35.6               | Euphorbia - milli forms   |  |  |
|                  | 35.7               | Any other Euphorbia up to 8" tall                                     |  |  |
|                  | 35.8               | Any other Euphorbia over 8" tall                                      |  |  |
|                  | 35.9               | Jatropha  |  |  |
|                  | 35.10              | Monadenium, Pedilanthus, Synadenium                                   |  |  |
| Fouquieriaceae   | 36.1               | Fouquieria, (Idria = Fouquieria)                                      |  |  |
| Geraniaceae      | 37.1               | Pelargonium, Sarcocaulon (Monsonia = Sarcocaulon)                     |  |  |
| Gesneriaceae     | 38.1               | Sinningia   |  |  |
| Management       | 39.1               | Dorstenia   |  |  |
| Moraceae         | 39.2               | Ficus   |  |  |
| Passifloraceae   | 40.1               | Adenia  |  |  |
| Pedaliaceae      | 41.1               | Pterodiscus, Sesamothamnus, Uncarina                                  |  |  |
| Piperaceae       | 42.1               | Peperomia   |  |  |
| Doutulo ac acc - | 43.1               | Anacampseros, Avonia, Calandrinia, Cistanthe, Talinum                 |  |  |
| Portulacaceae    | 43.2               | Ceraria, Lewisia, Portulaca, Portulacaria                             |  |  |
| Rubiaceae        | 44.1               | Hydnophytum, Myrmecodia, Phylohydrax                                  |  |  |
| Vitaceae         | 45.1               | Cissus, Cyphostemma   |  |  |
| Other Families   | 46.1               | Any other succulent Dicotyledon                                       |  |  |

# DIVISION V - MISCELLANEOUS SUCCULENTS

| Category   | Category<br>Number | Type of Succulent    |  |
|------------|--------------------|----------------------|--|
| Cristate   | 47.1               | Cacti                |  |
| Cristate   | 47.2               | All other succulents |  |
| Monstrose  | 48.1               | Cacti                |  |
|            | 48.2               | All other succulents |  |
| Veriagetes | 49.1               | Cacti                |  |
| Variegates | 49.2               | All other succulents |  |
| Hanging    | 50.1               | Cacti                |  |
|            | 50.2               | All other succulents |  |

# DIVISION V - MISCELLANEOUS SUCCULENTS (continued)

| Catagogy                   | Category | Type of Succulent                  |
|----------------------------|----------|------------------------------------|
| Category                   | Number   |                                    |
| Miniatures (to 3" pot      | 51.1     | Cacti                              |
| (any direction). Plant not | 51.2     | All other succulents               |
| to exceed 3" tall,         |          |                                    |
| exclusive of flowers)      |          |                                    |
| Other Forms                | 52.1     | Succulent bonsai (including cacti) |
| Seed or leaf-grown by      | 53.1     | Cacti                              |
| exhibitor                  | 53.2     | All other succulents               |

## **DIVISION VI - SUCCULENT PRESENTATIONS**

| Category                | Category<br>Number | Description   |  |  |  |  |
|-------------------------|--------------------|---|--|--|--|--|
| Collections (5 to 12    | 54.1               | Cacti   |  |  |  |  |
| plants, individually    | 54.2               | All other succulents  |  |  |  |  |
| potted)                 |                    |   |  |  |  |  |
|                         | 55.1               | Dish gardens and miniature scenes                                     |  |  |  |  |
| Special Plantings       | 55.2               | Family plots  |  |  |  |  |
|                         | 55.3               | Novelty planters, without props                                       |  |  |  |  |
| Displays (not to exceed | 56.1               | Educational: To illustrate interesting aspects of succulent botany or |  |  |  |  |
| 12 sq. ft.)             |                    | cultivation; exhibits not limited to live plants                      |  |  |  |  |

## DIVISION VII - PHOTOGRAPHY AND ALLIED INTERESTS

| Category         | Category<br>Number | Description                                    |  |  |
|------------------|--------------------|--|--|--|
|                  | 57.1               | Black and White Landscape                      |  |  |
|                  | 57.2               | Black and White Plants                         |  |  |
| Photography      | 57.3               | Black and White Flowers                        |  |  |
|                  | 57.4               | Color Landscape                                |  |  |
|                  | 57.5               | Color Plants                                   |  |  |
|                  | 57.6               | Color Flowers                                  |  |  |
| Allied Interests | 58.1               | Artwork, Pottery, Sculpture, Handicrafts, etc. |  |  |

## CROSS-REFERENCE BY GENUS

| Abromeitiella: 17.1             | Conophytum: 24.2                    | Fouquieria: 36.1<br>Frailea: 4.1  | Mestoklema: 24.6<br>Mila: 4.1          | Raphionacme: 27.2                      |
|---------------------------------|-------------------------------------|-----------------------------------|--|--|
| Acanthocalycium:                | Consolea: 7.1                       | Frithia: 24.3                     | Momordica: 33.1                        | Rauhia: 15.1                           |
| 2.2                             | Copiapoa: 6.15                      | Furcraea: 13.3                    | Monadenium:                            | Rebutia: 2.1                           |
| Adansonia: 28.1                 | Corynopuntia: 7.1                   | Gasteria: 14.5                    | 35.10                                  | Rhipsalis: 3.1                         |
| Adenia: 40.1                    | Coryphantha: 6.12                   | Geohintonia: 6.8                  | Monsonia: 37.1                         | Rodentiophila: 4.4                     |
| Adenium: 26.1 -                 | Cotyledon: 32.3                     | Gerrardanthus:                    | Muiria: 24.2                           | Sansevieria: 20.1                      |
| 26.2                            | Crassula: 32.4                      | 33.1                              | Myrmecodia: 44.1                       | Sarcocaulon: 37.1                      |
| Adromischus: 32.1               | Cyanotis: 18.1<br>Cycas: 10.1       | Gibbaeum: 24.1<br>Glottiphyllum:  | Nananthus: 24.5<br>Neochilenia: 4.3    | Sarcostemma: 27.3                      |
| Aeonium: 32.2                   | Cyclindropuntia:                    | 24.4                              | Neohenricia: 24.5                      | Schwantesia: 24.4                      |
| Agave: 13.1 - 13.2              | 7.1                                 | Graptopetalum:                    | Neolloydia: 6.12                       | Scilla: 22.1                           |
| Aichryson: 32.2                 | Cyphostemma:                        | 32.10                             | Neoporteria: 4.3                       | Sclerocactus: 6.7                      |
| Albuca: 22.1                    | 45.1                                | Greenovia: 32.2                   | Nolina: 20.1                           | Sedum: 32.9                            |
| Alluaudia: 34.1                 | Decarya: 34.1                       | Grusonia: 7.1                     | Nopalea: 7.1                           | Selenicereus: 3.1                      |
| Alluaudiopsis:                  | Delosperma: 24.6                    | Gymnocactus: 6.5                  | Notocactus: 4.2                        | Sempervivum:                           |
| 34.1                            | Denmoza: 2.4                        | Gymnocalycium:                    | Obregonia: 6.8                         | 32.8                                   |
| Aloinopsis: 24.5                | Deuterocohnia:                      | 6.13 - 6.14                       | Operculicaria:                         | Senecio: 30.1                          |
| Anacampseros:                   | 17.1                                | Haemanthus: 15.1                  | 25.1                                   | Sesamothamnus:                         |
| 43.1                            | Didieria: 34.1                      | Hamatocactus: 6.3                 | Opthalmophyllum                        | 41.1                                   |
| Aporocactus: 3.1                | Dinteranthus: 24.3                  | Hatiora: 3.1                      | : 24.2                                 | Setcreasea: 18.1                       |
| Argyroderma:                    | Dioscorea: 19.1                     | Haworthia: 14.6 -                 | Opuntia (North                         | Seyrigia: 33.1                         |
| 24.1                            | Dischidia: 27.3                     | 14.9                              | American): 7.1                         | Sinningia: 38.1                        |
| Ariocarpus: 6.9 - 6.11          | Discocactus: 5.1<br>Dorstenia: 39.1 | Hechtia: 17.1                     | Opuntia (South                         | Soehrensia: 2.3                        |
| Astroloba: 14.4                 | Dracaena: 20.1                      | Hesperaloe: 13.3<br>Hoodia: 27.1  | American): 7.2<br>Orbea: 27.1          | Stapelia: 27.1<br>Stenocactus: 6.1     |
| Astrophytum: 6.2                | Drimia: 22.1                        | Horridocactus: 4.3                | Oreocereus: 2.5                        | Stomatium: 24.4                        |
| Austrocylindropu                | Drosanthemum:                       | Hoya: 27.3                        | Ornithogalum:                          | Strombocactus:                         |
| ntia: 7.2                       | 24.6                                | Huernia: 27.1                     | 22.1                                   | 6.6                                    |
| Avonia: 43.1                    | Dudleya: 32.5                       | Hydnophytum:                      | Orostachys: 32.8                       | Submatucana: 2.4                       |
| Aylostera: 2.1                  | Dyckia: 17.1                        | 44.1                              | Oroya: 2.4                             | Sulcorebutia: 2.1                      |
| Aztekium: 6.8                   | Echeveria: 32.6 -                   | Hylocereus: 3.1                   | Ortegocactus:                          | Synadenium:                            |
| Beaucarnea: 20.1                | 32.7                                | Idria: 36.1                       | 6.12                                   | 35.10                                  |
| Blossfeldia: 4.1                | Echidnopsis: 27.1                   | Ipomoea: 31.1                     | Othonna: 30.1                          | Tacinga: 7.2                           |
| Bombax: 28.1                    | Echinocactus: 6.1                   | Islaya: 4.3                       | Pachira: 28.1                          | Tacitus: 32.10                         |
| Boophane: 15.1                  | Echinocereus: 1.1                   | Jatropha: 35.9                    | Pachycormus:                           | Talinum: 43.1                          |
| Borzicactus: 2.5                | - 1.3<br>Echinofossulocact          | Kalanchoe: 32.3                   | 25.1                                   | Tephrocactus: 7.2                      |
| Boswellia: 29.1<br>Bowiea: 22.1 | us: 6.1                             | Kedostris: 33.1<br>Kleinia: 30.1  | Pachyphytum: 32.10                     | Testudinaria: 19.1<br>Thelocactus: 6.4 |
| Brachystelma:                   | Echinomastus: 6.5                   | Lapidaria: 24.1                   | Pachypodium:                           | Titanopsis: 24.5                       |
| 27.2                            | Echinopsis: 2.3                     | lbervillea: 33.1                  | 26.1 - 26.2                            | Trachyandra: 16.1                      |
| Brasiliopuntia: 7.2             | Encephalocarpus:                    | Ledebouria: 22.1                  | Parodia: 4.2                           | Tradescantia: 18.1                     |
| Buibinella: 16.1                | 6.8                                 | Leuchtenbergia:                   | Pedilanthus: 35.10                     | Trichocaulon:                          |
| Buiningia: 4.1                  | Encephelartos:                      | 6.4                               | Pediocactus: 6.7                       | 27.1                                   |
| Bulbine: 16.1                   | 12.1                                | Lewisia: 43.2                     | Pelargonium: 37.1                      | Trichodiadema:                         |
| Bursera: 29.1                   | Epiphyllum: 3.1                     | Lithops: 24.3                     | Pelecyphora: 6.8                       | 24.6                                   |
| Calandrinia: 43.1               | Epithelantha: 6.6                   | Lobivia: 2.2                      | Peperomia: 42.1                        | Turbinicarpus: 6.6                     |
| Calibanus: 20.1                 | Eriospermum:                        | Lomatophyllum:                    | Pereskia: 8.1                          | Tylecodon: 32.3                        |
| Callisia: 18.1                  | 21.1                                | 14.4                              | Pereskiopsis: 7.1                      | Uebelmannia: 4.1                       |
| Caralluma: 27.1                 | Eriosyce: 4.3                       | Maihuenia: 8.1                    | Phylohydrax: 44.1                      | Uncarina: 41.1                         |
| Ceiba: 28.1<br>Ceraria: 43.2    | Escobaria: 6.12                     | Malacocarpus: 4.2<br>Mammillaria: | Pleiospilos: 24.1<br>Poellnitzia: 14.4 | Urginea: 22.1                          |
| Ceropegia: 27.3                 | Espostoa: 2.5<br>Euphorbia: 35.1 -  | 6.16 - 6.23                       | Portulaca: 43.2                        | Weingartia: 4.2<br>Welwitschia: 11.1   |
| Chorisia: 28.1                  | 35.6                                | Manfreda: 13.1 -                  | Portulacaria: 43.2                     | Wigginsia: 4.2                         |
| Cissus: 45.1                    | Faucaria: 24.4                      | 13.2                              | Pseudolithos: 27.1                     | Wilcoxia: 1.1                          |
| Cistanthe: 43.1                 | Fenestraria: 24.3                   | Massonia: 22.1                    | Pterocactus: 7.2                       | Xerosicyos: 33.1                       |
| Commiphora:                     | Ferocactus: 6.3                     | Matucana: 2.4                     | Pterodiscus: 41.1                      | Yucca: 13.3                            |
| 29.1                            | Ficus: 39.2                         | Melocactus: 5.2                   | Pyrrhocactus: 4.4                      | Zamia: 12.1                            |
|                                 | Fockea: 27.2                        | Merremia: 31.1                    | Quiabentia: 7.2                        |  |
|                                 |                                     |                                   |  |  |

#### CROSS-REFERENCE BY GENERAL CATEGORIES

Aizoaceae, any other:24.7 Aloes, from Madagascar: 14.1

Aloe species: 14.2 Aloe hybrids: 14.3 Artwork: 58.1

Asclepiads, any other: 27.4 Asclepiads, caudiciform: 27.2 Asclepiads, stapeliad: 27.1 Asclepiads, vining: 27.3

Bonsai (succulent, including cacti):52.1 Cactaceae, any other genus: 9.1 - 9.2 Cereoid, North American: 1.4 Cereoid, South American: 1.5 Collections: 54.1 - 54.2 Crassulaceae, any other: 32.11

Cristates: 47.1 - 47.2 Dicotyledon, any other: 46.1

Dish gardens: 55.1

Educational displays: 56.1

Euphorbia, any other: 35.7 - 35.8

Family plots: 55.2 Hanging: 50.1 - 50.2 Handicrafts: 58.1 Leaf-grown: 53.1 - 53.2 Miniature scenes: 55.1

Miniatures (to 3" pot): 51.1 - 51.2 Monocotyledon, any other: 23.1

Monstrose: 48.1 - 48.2

Novelty planters (without props): 55.3

Opuntia, North American: 7.1 Opuntia, South American: 7.2 Photography: 57.1 - 57.6

Pottery: 58.1 Sculpture: 58.1

Seed-grown: 53.1 - 53.2

Stapeliads: 27.1

Variegates: 49.1 - 49.2