



The Cactus and Succulent Society of NSW Inc.

DEFINITIONS ADOPTED BY THE CACTUS AND SUCCULENT SOCIETY NSW INC. FOR THE PURPOSES OF EXHIBITION.

The following definitions have been adopted by The Cactus and Succulent Society NSW Inc, having been duly considered by the Society's Committee. In adopting these definitions, relevant published reference material, other society's approaches and accepted conventions have been taken into account. Whilst there are many valid interpretations in defining the physical characteristics of plants, the definitions adopted by the Society have the specific aim of providing clarity for exhibitors, judges and show officials in the context of exhibiting cacti and succulents at the Society's shows.

VARIEGATION

A plant exhibiting a mutation causing the local absence of green chlorophyll, giving striping, banding, blotching or spotting of white, some shade of yellow, or other colour. The class to include chimeric variegation, virescence and the red/pink/purple sports of *Gymnocalycium* and *Astrophytum* etc. and any gold mutation whereby the chlorophyll levels are uniformly reduced.

Note 1. Naturally occurring leaf spotting and/or patternation, or enhancements of same through selection are not defined as variegated.

Note 2. Plants exhibiting chlorosis due to a lack of light, disease or evidence of chemical induced variegation are to be disallowed/disqualified from entry to a show/sale.

Note 3. For the purposes of exhibition, the extent of variegation should be at a minimum of 30 per cent coverage of the overall plant.

Note 4. In the event of any question over a class allocation at a show, the Show Secretary is empowered to allocate the plant to a class that, in his or her sole opinion, best represents the primary feature of the plant concerned.

CRISTATE OR CRESTED

A plant exhibiting a mutation to the meristem (growing point), whereby the meristem widens along a single plane. The phenomenon gives rise to a bilateral growth form exhibiting fan, wedge shaped or brain-like features. Occasionally a ring cristate form encircling a neutral centre is encountered.

Note 1. Naturally occurring dichotomy in the genus *Mammillaria* and in some *Euphorbia* (*multiclava* & *piscidermis*) whereby the growing tip simply widens in advance of one head dividing into two are not defined as cristate.

Note 2. Reversions to normal growth form are known in some forms of cristate plants. For the purposes of exhibition, the plant should exhibit minimal reversions.





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MONSTROSITIES

A plant exhibiting a mutation to the meristems (growing points) or other abnormality to the physical structure of the plant. It includes a range of conditions encompassing:

proliferation (more typically referred to as monstrose), whereby the normal controls of plant growth regulators are inhibited, and every meristem grows, or attempts to.

spiral torsion, whereby a normally straight-ribbed cactus becomes spirally twisted, allegedly from a mutation that results in the differential growth of the axis and cortex

spinelessness, whereby a species that normally exhibits spines has the spines completely suppressed or reduced.

polymorphication results in callous-like blobs and typically seen in *Mammillaria bocasana* 'Fred' or *Echinopsis* 'Chocolate'.

graft chimeras, where two separate genetically distinct plant tissues form a single body. Such specimens can exhibit portions of either plant or a blend of both. These are distinct from hybrids.

other structural anomalies, whereby the physical structure of the plant is altered. The most well-known example being *Agave* 'Cubic'

Note 1. Plants exhibiting *etiolation* due to inadequate growing conditions are to be disallowed/disqualified from entry to a show/sale.

Note 2. Reversions to normal growth form are known in some forms of monstrose plants. For the purposes of exhibition, the plant should exhibit minimal reversions.

Note 3. In the event of any question over a class allocation at a show, the Show Secretary is empowered to allocate the plant to a class that, in his or her sole opinion, best represents the primary feature of the plant concerned.

Definitions approved by the Committee of The Cactus and Succulent Society NSW Inc.
15.01.2019

