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# CACTUS and SUCCULENT SOCIETY of NEW MEXICO

P.O. Box 21357

Albuquerque, New Mexico 87154-1357

<http://www.new-mexico.cactus-society.org>

## GENERA OF CACTI AND OTHER SUCCULENTS FOR USE IN ALBUQUERQUE GARDENS

This is by no means a complete list. It should be remembered that not all species in a given genus are necessarily winter hardy, but that hardiness is dependent upon the climate where the species occurs wild in nature. A little research into the origins of a species will tell much about its needs.

There are probably many species left to be found that will do well in Albuquerque and similar climates.

An asterisk (\*) indicates that species in that genus are most suited to raised rock beds in sunny nooks and crannies. A hash mark (#) indicates species that are most suitable to dry-land landscaping or large-scale gardens.

### **Cactaceae**

#\**Cylindropuntia* (North America) — Chollas

Many species are hardy

\**Echinocactus* (North America) — Barrel Cacti

*horizonthalonius, parryi, texensis, xeranthemoides*

\**Echinocereus* (North America) — Hedgehog & Claret Cup Cacti

Many species

\**Echinomastus* (North America)

*intertextus*

\**Escobaria* (North America)

Many species

\**Gymnocalycium* (Argentina) — Chin Cacti

*bruchii, calachlorum, gibbosum* (maybe several more)

\**Lobivia* (South America)

*aurea, aurea* var. *leucomalla* (likely many more)

\**Maihuenia* (Argentina/Chile)

*patagonia, popoegii*

\**Maihueniopsis* (South America), often included in *Tephrocactus*

*darwinii, glomerata*

\**Mammillaria* (North America) — Pincushion Cacti

*heyderi, meiacantha, viridiflora, wrightii* (likely several more)

\**Notocactus* (South America)

*submammulosus*

#\**Opuntia* (Argentina to Canada) — Prickly Pear, Beavertail

Many species

\**Pediocactus* (Western United States)

*simpsonii*

\**Pterocactus* (Argentina)

*australis, fischeri, hickenzi, kuntzei*

#\**Trichocereus* (Western South America), includes *Helianthocereus* and *Soehrerioim*

*candicans, chilensis, formosus, grandiflorus, huascha, strigosus* (likely more)

\**Sclerocactus* (Southwestern United States) — Fishhook Cactus, Barrel

*heilii, parviflorus, whipplei*

#*Ferocactus* (Southwestern North America) — Barrel Cacti, Fishhook Cactus

*hamatacanthus*, perhaps *sinuatus*; *F. wislizenii* is NOT hardy in Albuquerque, nor is *F. cylindraceus* (*acanthodes*), the Mohave Fire Barrel. Both of the latter are often sold here.

Other cacti sometimes sold in New Mexico by diggers (often illegally) include *Carnegiea gigantea* (Saguaro) and other Sonoran Desert, lower Mohave Desert, and South Texas species. **BE CAREFUL** if the plant looks field collected. Find out the name and look it up.

**Mesembryanthemaceae** — (Ice Plants, Living Stones, Tiger Jaws, etc., from South Africa): This family is fertile ground for new introductions into the hardy succulent garden.

\**Aloinopsis*, *Chasmatophyllum*, *Delosperma* (*aberdeense*, *congestum*, and *cooperi*, likely more), *Nananthus*, *Neohenricia*, *Rabiea*, *Rhinophyllum*, *Ruschia*, *Prepodesmia*, *Stomatium*, *Titanopsis*.

For ground covers, especially on banks:

*Delosperma cooperi*, *Chasmatophyllum musculinum*, *Ruschia indurata*, *Malephora lutea*, *Delosperma congestum*.

**Portulacaceae** — Purslane Family (includes many alpine succulents also)

\**Portulaca* (worldwide) — Purslane (Many are temporary annuals)

#\**Talinum* (Southern Hemisphere and North America) — Fame Flower

**Crassulaceae** — Stonecrop Family

#\**Sedum* (worldwide, mostly Northern Hemisphere) — Stonecrop

\**Sempervivum* (Eurasia) — Hen & Chicks, Houseleek, Cobwebs

\**Jovibarba* (Eurasia) — Hen & Chicks

\**Orostachys*

\**Rosularia* (Eurasia)

\**Crassula* (Africa): Most are **not** hardy; check climate of origin.

\**Echeveria strictiflora* (West Texas and Northeastern Mexico)

**Fouquieriaceae** — Ocotillo Family

#*Fouquieria splendens* — Ocotillo

**Agavaceae** — Agave Family

#\**Agave* (Southwestern North America)

*toumeyana*, *schottii*, *parryi*, *neomexicana*, *havardiana*, *lechuguilla*, *palmeri*, *parviflora*, *macroculmis*, and probably many more. These are the Century Plants.

#*Yucca* (North America) — Adam's Needles, Soapweed, Dagger Tree, etc. Most are hardy.

#*Nolina* (Southern North America) — Beargrass

*texana*, *erupens microcarpa*, and others

#*Dasyllirion* (Southwestern North America) — Sotol, Desert Spoon

*wheeleri leiophyllum* and others