

The Genus Mammillaria as per the New Cactus Lexicon, Text Volume, page 147, 2006.

163 spp & 69 subspp, a total of 232.

A reduction of 32 spp / subspp since CCC2, 1999.

Names in *italics* are provisionally accepted.

It should be understood that this is NOT an official classification, but a listing by subgenus and series of the species accepted and provisionally accepted as detailed in the New Cactus Lexicon. A proper Classification should have type species stated for each section, which is not shown in the NCL.

Genus Mammillaria

Previous Classification

Subgenus Oehmea

beneckeii

Subgenus Dolichothele

baumii

carretii

longimamma

melaleuca

sphaerica

surculosa

Subgenus Phellosperma

barbata

guelzowiana

tetrancistra

wrightii

wrightii

wrightii

wilcoxii

zephyranthoides zephyranthoides

zephyranthoides heidiaei

Ancistracanthae, barbata group

Ancistracanthae, guelzowiana group

Ancistracanthae, tetrancistra group

Ancistracanthae, barbata group

Ancistracanthae, barbata group

Ancistracanthae, zephyranthoides group

Ancistracanthae, zephyranthoides group

Subgenus Chilita

albicans

albicans

albicans

fraileana

armillata

blossfeldiana

boolii

capensis

Ancistracanthae, dioica group

Ancistracanthae, dioica group

Ancistracanthae, dioica group

Ancistracanthae, grahamii group

Ancistracanthae, grahamii group

Ancistracanthae, dioica group

<i>cerralboa</i>		Ancistracanthae, dioica group
dioica	dioica	Ancistracanthae, dioica group
dioica	angelensis	Ancistracanthae, dioica group
dioica	estebanensis	Ancistracanthae, dioica group
grahamii	grahamii	Ancistracanthae, grahamii group
grahamii	sheldonii	Ancistracanthae, grahamii group
hutchisoniana	hutchisoniana	Ancistracanthae, grahamii group
hutchisoniana	louisae	Ancistracanthae, grahamii group
insularis		Ancistracanthae, grahamii group
mainiae		Ancistracanthae, grahamii group
mazatlanensis		Ancistracanthae, grahamii group
multidigitata		Ancistracanthae, dioica group
<i>neopalmeri</i>		Ancistracanthae, dioica group
phitauiana		Ancistracanthae, dioica group
schumannii		Ancistracanthae, grahamii group
thornberi	thornberi	Ancistracanthae, grahamii group
thornberi	yaquensis	Ancistracanthae, grahamii group

Subgenus *Krainzia*

Series *Longiflora*

deherdtiana	deherdtiana
deherdtiana	dodsonii
hernandezii	
longiflora	longiflora
longiflora	tepexicensis
napina	
saboae	saboae
saboae	goldii
saboae	haudeana
theresae	

Series *Herrerae+Pectiniferae*

<i>albiflora</i>		Lasiacanthae, herrerae group
herrerae		Lasiacanthae, herrerae group
humboldtii		Lasiacanthae, humboldtii group
lenta		Lasiacanthae, lenta group
luethyi		Lasiacanthae, herrerae group
pectinifera	pectinifera	Lasiacanthae, pectinifera group
pectinifera	solisioides	Lasiacanthae, pectinifera group
sanchez-mejoradae		Lasiacanthae, herrerae group

Subgenus *Cochemiea*

halei	
pondii	pondii
pondii	maritima
pondii	setispina
poselgeri	

Subgenus Mammillopis

senilis

Subgenus Mammillaria

Section Hydrochylus

Series Lasiacanthae

<i>berkiana</i>		Stylothelae, bombycina group
bombycina	bombycina	Stylothelae, bombycina group
bombycina	perezdelarosae	Stylothelae, bombycina group
<i>gasseriana</i>		Stylothelae, bombycina group
<i>guillauminiana</i>		Stylothelae, bombycina group
jaliscana	jaliscana	Stylothelae, bombycina group
jaliscana	zacatecasensis	Stylothelae, bombycina group
lasiacantha		Lasiacanthae, lasiacantha group
mercadensis		Stylothelae, bombycina group
moelleriana		Stylothelae, bombycina group
pennispinosa	pennispinosa	Stylothelae, bombycina group
pennispinosa	nazasensis	Stylothelae, bombycina group
<i>rettigiana</i>		Stylothelae, bombycina group
<i>sinistrohamata</i>		Stylothelae, bombycina group
weingartiana		Stylothelae, bombycina group

Series Stylothelae

anniana		Proliferae, prolifera group
bocasana		Stylothelae, crinita group
crinita	crinita	Stylothelae, crinita group
crinita	leucantha	Stylothelae, crinita group
crinita	wildii	Stylothelae, crinita group
duwei		Stylothelae, crinita group
erythrosperma		Stylothelae, crinita group
fittkaii	fittkaii	Stylothelae, bombycina group
fittkaii	limonensis	Stylothelae, bombycina group
<i>glochidiata</i>		Stylothelae, crinita group
<i>marcosii</i>		Stylothelae, crinita group
mathildae		Stylothelae, bombycina group

nana
painteri
schwarzii
zeilmanniana

Stylothelae, crinita group
Stylothelae, crinita group
Proliferae, prolifera group
Stylothelae, crinita group

Series Proliferae

albicoma
aureilanata
carmenae
glassii
loui loui
loui dasyacantha
loui subducta
picta
pilispina
plumosa
prolifera prolifera
prolifera arachnoidea
prolifera texana
schiedeana schiedeana
schiedeana dumetorum
schiedeana giselae
vetula vetula
vetula gracilis
zublerae

Proliferae, prolifera group
Lasiacantha, lenta group
Lasiacantha, schiedeana group
Stylothelae, glassii group
Lasiacanthae, humboldtii group
Lasiacanthae, humboldtii group
Lasiacanthae, humboldtii group
Proliferae, prolifera group
Proliferae, prolifera group
Lasiacanthae, schiedeana group
Proliferae, prolifera group
Proliferae, prolifera group
Proliferae, prolifera group
Lasiacanthae, schiedeana group
Lasiacanthae, schiedeana group
Lasiacanthae, schiedeana group
Proliferae, gracilis group
Proliferae, gracilis group
Proliferae, prolifera group

Series Sphacelatae

kraehenbuehlii
oteroi
sphacelata sphacelata
sphacelata viperina
tonalensis

Stylothelae, oteroi group

Series Decipientes

decipiens decipiens
decipiens albescens
decipiens camptotricha

Series Leptocladodae

densispina
elongata elongata
elongata echinaria

microhelia
pottsii

Section Subhydrochylus

Series Heterochlorae

discolor
polythele polythele
polythele obconella
wiesingeri wiesingeri
wiesingeri apamensis

Series Rhodanthae

pringlei
rhodantha rhodantha Heterochlorae, rhodantha group
rhodantha fera-rubra Heterochlorae, rhodantha group
rhodantha mccarteni Heterochlorae, rhodantha group
rhodantha mollendorffiana Heterochlorae, rhodantha group

Series Polyacanthae

backebergiana backebergiana
backebergiana ernestii
duoformis
eriacantha
guerreronis
magnifica
matudae
meyrannii
nunezii nunezii
nunezii bella
rekoi rekoi
rekoi aureispina
rekoi leptacantha
spinosissima spinosissima
spinosissima pilcayensis
spinosissima tepoxtlana
xaltianguensis xaltianguensis
xaltianguensis bambusiphila

Series Supertextae

albilanata	albilanata
albilanata	oaxacana
albilanata	reppenhagenii
albilanata	<i>tegelbergiana</i>
columbiana	columbiana
columbiana	yucatanensis
crucigera	crucigera
crucigera	tlalocii
dixanthocentron	
<i>flavicentra</i>	
haageana	
<i>halbingeri</i>	
huitzilopochtli	huitzilopochtli
huitzilopochtli	niduliformis
supertexta	

Section Mammillaria

Series Leucocephalae

formosa	formosa
formosa	chionocephala
formosa	microthele
formosa	pseudocrucigera
geminispina	geminispina
geminispina	leucocentra
hahniana	
klissingiana	
<i>morganiana</i>	
muehlenpfordtii	
orcuttii	
parkinsonii	
perbella	
sempervivi	

Mammillaria

Series Mammillaria

bocensis	
<i>boelderliana</i>	
brandegeei	brandegeei
brandegeei	glareosa
coahuilensis	
<i>ekmanii</i>	
evermanniana	
gigantea	
grusonii	
heyderi	heyderi

heyderi	gaumeri
heyderi	gummifera
heyderi	hemisphaerica
heyderi	macdougalii
heyderi	meiacantha
johnstonii	
<i>linaresensis</i>	
magnimamma	
mammillaris	
marksiana	
melanocentra	melanocentra
melanocentra	rubrograndis
nivosa	
peninsularis	
petrophila	petrophila
petrophila	arida
petrophila	baxteriana
petterssonii	
roseoalba	
scrippsiana	
sonorensis	
standleyi	
<i>tayloriorum</i>	
uncinata	
wagneriana	
winterae	

Series Polyedra

carnea	
compressa	compressa
compressa	centralifera
<i>eichlamii</i>	
karwinskiana	karwinskiana
karwinskiana	beisellii
karwinskiana	collinsii
karwinskiana	nejapensis
<i>knippeliana</i>	
mystax	
polyedra	
sartorii	
<i>variaculeata</i>	

Mammillaria candida has now been removed from the genus **Mammillaria** and renamed *Mammilloydia candida*. The seed morphology points towards the plant being a stabilized intergeneric hybrid (a cross between two species), although *Epithelantha* seems to be a more likely candidate as a maternal ancestor than *Neolloydia*.