

Index Volume XLII, 1970

CACTUS & SUCCULENT JOURNAL

of the

Cactus and Succulent Society of America, Inc.

- A**
- ABBEY GARDEN PLANT
DISTRIBUTION LIST
124
- Acanthocalycium aurantiacum*
153
- AGAVES, TWO NEW IN
ARIZONA 223
- Agave angustifolia* 82
- arizonica* 223
- bovicornuta* 82
- colimana* 124
- ferdinandi-regis* 124
- X lechuguilla* 124
- flexispina* 83
- horrida* 59
- huachuensis-flexispina-*
patonii 109
- margaritae* 124
- mckelveyana* 223
- parviflora* 103
- shawii* 211, 276
- utahensis* var. *nevadensis* 124
- victoriae-reginae* 264
- ALOE DOEI LAV. VAR.
LAVRANOSII J.M.L.
263
- ALOE FROM TANZANIA,
A NEW 150
- Aloe antandroi* 83
- doi* var. *lavransii* J.M.L.
263
- duckeri* 83
- haworthioides* 79
- haemanthifolia* 62
- krapphiana* 65
- mzimhana* 83
- parviflora* 124
- parvula* 79
- pillansii* 141, 180
- schliebenii* 150
- speciosa* 83
- striata* 83
- suzannae* 125
- tauri* 78
- thraskii* 83
- tidmarshii* 83
- vera* 19
- Anacampteros alstonii* 245
- australiana* 83
- Arequipa leucotricha* 202
- Argyroderma octophyllum* 11
- Ariocarpus kotschoubeyanus*
var. *mcDowellii* 230
- Arp, Gerald 40
- Arrojadoa rhodantha* 148
- Astridia hallii* 164
- Astrophytum myriostigma* var.
strongylogonum 176
- A. V. FRIC
Famous Cactus Hunter
130, 147, 235
- B**
- Batis maritima* 168
- Bayer, M. B. 251
- Benson, Lyman 89, 172,
195, 200
- Berry, James W. 171
- Binomial Nomenclature 208
- Bleck, Mary 249
- BOLIVIAN CACTACEAE,
NEW 30
- Boliticereus samaipatanus* 118
- Bombax palmeri* 84
- BOOK REVIEWS:
Cacti and Succulents 194
- Cacti of the Southwest* 194
- Desert Plants for California*
Gardens 15
- Pocket Encyclopaedia of*
Cacti in Colour 2
- South African Aloes* 146
- Succulents and Cactus* 146
- Borzicactus celsianus* 170
- Brown, J. R. 3, 29, 50
- Buining, A.F.H. 24
- Bursera fagaroides* 174
- Butterfield, H.M. 80, 101,
123, 129, 146, 169,
173, 183
- C**
- CACTI AND SUCCULENTS
FOR THE AMATEUR
10, 58, 102, 148, 202,
244
- CACTI IN SOUTH AMERICA
116
- CACTOPHILE'S VACATION,
A 7
- Cactus & Succulent Books 77
- CACTUS AND SUCCULENT
NURSERIES:
Lila's Nursery 12
- A. Hugh Dial 246
- CACTUS COLLECTING
TRIP THROUGH
PARTS OF THE
ARGENTINE 24
- CACTUS PATCH 247
- Calibanus hookeri* 268
- Caralluma baldratii* 84
- cicatricosa* 136
- dioscoridis* 134
- knobellii* var. *langii* 84
- socotrana* 134
- vaga* 84
- Cardenas, M. 30, 184
- Cephalocereus palmeri* 44, 95
- Cereus cochabambensis* sp.
nov. 30
- var. *longicarpa* var. nov.
184
- "Cereusly Speaking" 79, 138,
154, 214, 275
- Ceropegia de-vechii* 11
- Chamaelopsis 'Buttercup'* 58
- Cheiridopsis candidissima* 2
- Chorisia integrifolia* 113
- Chortolirion subspicatum* 84
- Cissus juttae* 115
- COMPUTER AIDED
CLASSIFICATION OF
THE VARIETIES OF
PEDIOCACTUS
SIMPSONII
(ENGELM.) B. & R.
40

Names of plants are spelled as given in the author's copy. The JOURNAL has made every attempt to assure accuracy of all names used, but does not guarantee them to be so. Items in CAPITAL LETTERS indicate the title of a feature article. Casual references are not indexed. This index was compiled by Mildred Stern.

CONOPHYTUM HUNT, THE
PART II 63

CONOPHYTUM, TWO NEW
SPECIES (AND A
VARIETY) OF 258

Conophytum ernianum 163
helenae Rawe sp. nov. 259
lambertense var. *conspicuum*
Rawe var. nov. 259
mundum 63
vitreopapillum Rawe sp.
nov. 258

CONVENTION NOTES 215
Corallocarpus glomeruliflorus
84

Coryphantha borwigii 202
clavata 174
erecta 127
poselgeriana var. *valida* 58
potosiana (Jac.) Gl. & F.,
new comb. 266
pulleineana 177
vicipara 81
violipara 217
Cotyledon luteosquamata
81, 84
reticulata 103
heretifolia 84

COULTERELLA CAPITATA
167

Coulterella capitata 167
Cowper, Denis 14
Crassula alstonii 52
barbata 3, 50, 62, 125
cooperi 55
comptonii 6
deceptor 57
hemisphaerica 51
herrei 85
lanuginosa 52
picturata 56, 125
punctulata 5, 6
radicans 52

CRASSULAS IN CALI-
FORNIA GARDENS
3, 50

CRAWLING PRICKLY
PEARS 89

C.S.S.A. Fellowships 96
Officers Of The Society,
1970, 2

CULTURE:

Cacti from seed 166
Cultivation of Fouquieriaceae
183
Gymnocalyciums 25
Mammillarias 25
Scale, cure for 115
Support Small Cuttings And
Seedlings 173
Vigor in Iceplants 183

CYNANCHUM, TWO NEW
SPECIES FROM MAD-
AGASCAR 68, 104

Cynanchum marnierianum
98, 104
rossii 68

Cyphostemma uter 149

D

Daniel, James E. 7
Deutschman, Archie J., Jr. 171
Didierea trollii 125
Didymaotus lapidiformis 18
Discocactus alteolens 10

DISCOVERIES IN NORTH-
ERN PERU 113

Dracophilos dealbatus 140
Dudleya xantii 149
Dunlap, Merritt S. 255
Dial, A. Hugh 246
Divalia modesta 22
Dyer, R. A. 179

E

Eccremocactus bradei 81
Echeveria 'Bradburyana' 101,
chihuahuensis 'Ruby Blush'
85
coccinea 245
dactylifera 126
'Doris Taylor' 129
obtusifolia 85
purpurorum 126
sessiliflora 85
subrigida 112
'Victor Reiter' 85
'Black Prince' 126
Echidnopsis insularis sp. nov.
136
Echinocactus grusonii 44, 95
Echinocereus pectinatus var.
rigidissimus 172
pulchellus 127
viridiflorus 81, 158
weinbergii 110
Echinofossulocactus multi-
costatus 108
pentacanthus 127
Echinomastus mapimiensis 76
Echinopsis ayopayana 78
cotacajesi sp. nov. 184
mataranensis sp. nov. 184
pamparuzii sp. nov. 32
Edithcolea grandis 136
Epiphyllum ackermannii 250
crenatum var. *kinnachii* 81
Escobaria tuberculosa 127
EUPHORBIA MILII VAR.
BOSSERI RAUH VAR.
NOV. 272
EUPHORBIA NEOHUM-
BERTII, A NEW
VARIETY FROM
MADAGASCAR 204
Euphorbia graciliramea 126
hallii 64
loricata 203
milii var. *bosseri* Rauh, var.
nov. 272
neohumbertii var. *aureo-*
viridiflora var. nov. 204
neohumbertii var. *neohum-*
bertii 204
seretii subsp. *variantissima* 78
williamsonii 78

F

Fearn, B. 89
Ferocactus gatesii 127
Ficus palmeri 85
Fittkau, Hans 182
FIVE DOMINANTS OF THE
CENTRAL DESERT
OF BAJA CALI-
FORNIA 209, 276
FOOTNOTES 162, 183
Foster, Robert 10, 58, 60, 73,
102, 148, 174, 229,
244, 246, 264

Fouquieria fasciculata 126
Fouquieria purpusii 183
Fouquieria splendens 183
Fouquieriaceae, Cultivation of
183
Frailea gracillima 10
Furcraea sp. 85

G

Gasteria nigricans var.
marmorata 85
Gentry, Howard Scott 223
GERMINATION OF SEEDS
OF FOUR SPECIES OF
OPUNTIA 282
Glass, Charles C. 10, 12, 46,
58, 60, 73, 102, 148,
174, 229, 244, 246, 264
Graptopetalum pusillum 203
Grigsby, David B. 247
GREENHOUSE NOTES 122,
160, 213, 270
GROWTH OF CACTUS
SEEDS 171
Gymnocactus knuthianus 175
roseanus comb. nov. 234

H

HANS HERRE
The Father Of The
South African Mesem-
brianthemaceae 47
Hardy, Dave 179
HAWORTHIA AS A PRO-
BLEM GENUS 251
Haworthia aegrota 252
angustifolia var. *subfalcata*
86
badia 86
herbacea 252
margaretifera 254
marginata 254
notabilis 253
poellnitziana 254
planifolia 126
reticulata 252
ryderiana 28
shuldiana 253
setata 254
smitii 28
starkiana 86
tribneriana var. *diversicolor*
253
Herre, H. 16, 62
HOODIA, RANDOM RE-
MARKS ON THE
GENUS 179
Hoodia bainii 179
currori 180
gibbosa 181
gordonii 180
lugardi 79
macrantha 181
Huernia marnieriana 86
oculata 213
Humphrey, Robert R. 209, 276
Hydnophytum formicartum 86
Hylocereus undatus 123

I

Idria columnaris 99, 210
Ipomoea arborescens 86
I.S.I. March-April 1970 Offer-
ing of Plants 81

J
Jensenobotrya lossowiana 17

K
Kimmach, Myron 162, 183
Korsakoff, Alek 88
Krahn, W. W. 113

L
Lamb, E. & B. M. 21
Lavranos Expedition 178
Lavranos, J. J. 150
Lemaireocereus dumortieri X
Myrtillocactus geometrizans 267

Leuchtenbergia principis 230
LITHOPS, NEW COMBINATIONS AND AN ANALYTICAL KEY FOR THE GENUS 89

Lithops erniana var.
witputzensis 141
marmorata 261
prestoana sp. nov. 185
schwantesii 261
Lobivia cariquinensis 148
zudanensis sp. nov. 34
LORELEI SEDUCTION 139, 163

M
Macdougall, Tom 243
Maddams, Betty 261
MAMMILLARIA CANDIDA SCHW., A NEW VARIETY OF 281
MAMMILLARIA GARESSII A NEW SPECIES FROM CHIHUAHUA, MEXICO 14
MAMMILLARIA LENTA 249
MAMMILLARIA STROBILINA, THE SECRET OF 182

Mammillaria aureilana 102
bocasana 175
booi 202
candida var. *caespitosa* Voss, var. nov. 281
coahuilensis 128, 229
dodsonii 244
ericantha 128
garesii 14, 93
gasseriana 73
guelzowiana 107
guerrensis 128
haehneliana 266
lasiacantha 111, 128
lenta 249
magallanii 128
mammillaris 129
mercadensis 109
meyranii 82
moelleriana 111
nana 266
neopotosina 267
pennispinosa 74
plumosa 263
sinistrohamata 110
sphacelata 82
strobilina 182
winteriae 265
Marnier-Lapostolle, Julien 283

Martin, Virginia F. 166
Medioblobia aureiflora var. *rubriflora* 58
ithyacantha, sp. nov. 35
Melocactus matanzanus 146
Members' Corner 27
MESEMBRYANTHEMUMS, TRY GROWING 261
MEXICO LOGBOOK 73, 107, 174, 229, 264
Meyran, Jorge 26
Micranthocereus polyanthus 244
Mitich, Larry W. 155, 216
Moran, Reid 167

N
Neobesseyia missouriensis 82, 220
Neodawsonia apicicephalum 243
Neoporteria litoralis 82
Neumann, Dan 78, 152
NEW BOLIVIAN CACTACEAE PART XIII 184
NEW COMBINATIONS AND AN ANALYTICAL KEY FOR THE GENUS LITHOPS 89
New Combinations:
Coryphantha potosiana (Jacobi) Gl. & F. 266
Gymnocactus roseanus (Boed.) Glass & Foster 234

New Species:
Cereus cochabambensis Card. 30
Conophytum helenae Rawe 259
Conophytum vitreopapillum Rawe 258
Echidnopsis insularis Lav. 136
Echinopsis cotacajesi Card. 184
Echinopsis pamparuzii Card. 32
Lobivia prestoana Card. 185
Lobivia zudanensis Card. 34
Medioblobia ithyacantha Card. 35
Opuntia roborensis Card. 32
Parodia pseudoayopayana Card. 188
Rebutia caracarensis Card. 37
Rebutia pulchra Card. 38
Rebutia inflexiseta Card. 36
Rebutia vallegrandensis Card. 35
Rebutia viscarrae Card. 185

New varieties:
Aloe doei var. *lavranosii* J. M. L. 262
Cereus cochabambensis var. *longicarpa* Card. 184
Conophytum lambertense var. *conspicuum* Rawe 259

Euphorbia milii var. *bosseri* Rauh 271
Euphorbia neohumbertii var. *aureo-viridiflora* Rauh 204
Mammillaria candida var. *caespitosa* Voss 280
Rebutia tiraquenensis var. *longiseta* Card. 188
NEW VARIETY OF EUPHORBIA NEOHUMBERTII P. BOIT. FROM MADAGASCAR 204

NOTES ON HAWORTHIAS 28
Normanbokea valdeziana 129, 265
NOTES ON SOUTH AFRICAN SUCCULENTS 16, 62
Notocactus rutilans 117
scopa 117

O
OBITUARIES:
H. M. Butterfield 146
Dr. Homer C. Lawson 194
Opuntia bradtiana 232
fragilis 157
polyacantha 155
roborensis sp. nov. 32
Oreocereus hendricksenianus var. *densilanatus* 119
Ortegocactus macdougallii 244
Othonna amplexifolia 86
herrei 59
minima 87
quercifolia 87

P
Pachycereus pringlei 277
Pachycormus discolor 275, 276
Pachypodium namaquanum 103
Panis, Gladys H. 26, 67, 132, 189, 201, 280
Parodia mattesiana 78
pseudoayopayana sp. nov. 188
punae sp. nov. 30
PEDIOCACTUS SIMPSONII, COMPUTER AIDED CLASSIFICATION OF THE VARIETIES 40
Pediocactus simpsonii 40, 216
Piarranthus pillansii var. *inconstans* 87
Pilcher, Benjamin L. 282
"Pulque" 9
Puya macrura 87

R
RAINBOW CACTUS AND THE PHOENIX OF LONG AGO, THE 172
Rauh, Werner 68, 104, 204, 272
Rauhocereus X *Esposito* 114
Rawe, Rolf 63, 139, 163, 258
Rebutia caracarensis sp. nov. 37
grandiflora 121
inflexiseta sp. nov. 36
nivea 118
pseudodeminuta 121

pulchra sp. nov. 38
senilis 120
spinosissima 120
tiraquensis var. *longiseta* var.
nov. 188
vallegrandensis sp. nov. 35
viscarrea sp. nov. 185
RESYNTHESIS OF 'ACKER-
MANNI' 250
Rhipsalis paradoxa 10
Rodgers, John E. C. 80, 138,
154, 214, 275
Rogers, David J. 40
Rowley, Gordon D. 250

S

SANSEVIERIA 'LOOP'S
PRIDE' A NEW CUL-
TIVAR 88
Saphesia flaccida 16
SARCOCAULON HERREI
L. BOLUS 60
Sarcocaulon herrei 60
Schutz, Bohumil 130, 147, 235
SECRET OF MAMMILLARIA
STROBILINA. THE
182
Sedum corymephyllum 59
cremophila 245
SEED COLLECTING IN
OAXACA, MEXICO 243
SEED—A REPORT, PLANT-
ING CACTUS 255
Senecio gregorii 149
Setiechinopsis mirabilis 148
Seyrigia humbertii 203
Sharon Cactus Guide 162
Spotlight On Round Robins
25, 67, 132, 189, 201,
280
STAPELIEAE OF SOCOTRA
133

Stapelia longii 23
verrucosa var. *verrucosa* 87
STAPELIADS IN "THE
EXOTIC COLLEC-
TION" 21
Stetsonia coryne var. *procera*
119
Stultitia conjuncta 11
hardyi 21
Sulcorebutia taratensis var.
minima 153
SUCCULENT SEED GERM-
INATION REQUIRE-
MENTS 123
SUCCULENTS INTER-
NATIONAL 78, 152

T

Tavaresia meintjiesii 21
THE CIRIO: The Tallest Tree
of the Sonoran Desert?
99
Thelocactus bicolor var.
flavidispinus 129
heterochromus 107, 108
mcDowellii 263
nidulans 129, 233
roseanus 129
THE STATUS OF
WELWITSCHIA
MIRABILIS 200
Thrixanthocereus senilis 102
Transplanting Small Seedling
Succulents 169
Trichocaulon halenbergense 140
Tijmens, Wim J. 47
Trichocaulon keetmanshoopense
87
Turbincarpus lophophoroides
102

TWO NEW AGAVES IN
ARIZONA 223
TWO NEW SPECIES OF
CYNANCHUM FROM
MADAGASCAR 68, 104

V

Voss, Gilbert A. 281

W

Water-Nutrition Relationship
In Succulent Culture 80
WELWITSCHIA MIRABILIS
IN THE NAMIB
DESERT, SOUTH
WEST AFRICA 194
WELWITSCHIA MIRABILIS,
THE STATUS OF 200
Welwitschia bainesii 46, 87
mirabilis 194, 200
WILCOXIA ZOPILOTENSIS
26
Wilcoxia albiflora 26
papillosa 26
zopilotensis 26
Wihtol, Marjorie 122, 160,
213, 270
WYOMING NATIVE CACTI
155, 216

Y

Yucca brevifolia 246
rigida 74
valida 277

Z

Zahra, René 116
Zamia floridana 127

