



2022 Index Only

Download 2022 Index Only PDF for offline viewing.

Article Title 2022

- [10/10 Temperature Guideline](#) by Tom Gatz, 12/22, page 12
- [A New Opportunity and My First CSAA Show and Sale](#) Nick Diomedede, 8/22, page 14
- [Aeonium](#) by Cricket Caires-Peterson, 8/22, page 16
- [Annual Contributions to our Community Partners](#) by Nick Diomedede, 4/22, page 3
- [Annual Financial Summery](#) by Nick Diomedede, 3/22, page 16
- [Arizona Cactus Sales Has Moved](#) by Tom Gatz, 12/22, page 6
- [Attending the 2022 Inter-City Cactus and Succulent Show and Sale](#) by David Hemming, 9/22, page 3
- [Austrocylindropuntia floccosa](#) by Marc Beckstrom, 5/22, page 7
- [Beginner's Corner: Cinnamon](#) , 3/22, page 13
- [Beginner's Corner: Summer Watering](#) , by Sue Hakala, 7/22, page 9
- [Book Review: A Field Guide to Cacti and Other Succulents in Arizona](#) , eviewed by Tom Gatz, 1/22, page 5
- [Book Review: Agaves—Species, Cultivars and Hybrids](#) by Tom Gatz, 7/22, page 6
- [Boyce Thompson Arboretum Plant Wish List](#) by Nick Diomedede, 5/22, page 6
- [CACSS History](#) by Sue Hakala 7/22, page 4
- [CACSS 501\(c\)\(3\) Exempt Tax Designation](#) by Nick Diomedede, 8/22, page 8
- [Cactus and Succulent Society of America Photo Winner Robin Brower](#) , 6/22
- [Celebrating the Life of Dan Smith](#) by Denise Smith, 5/22, page 3
- [Central Arizona Cactus and Succulent Society](#) by Beth Kirkpatrick, 2/22, page 6
- [Chihuly in the Desert—Art, Architecture, Nature](#) by Wendy Barrett, 1/22, page 4
- [Copiapoa and the Atacama Desert](#) , by Cliff Fielding, 6/22
- [Desert Botanical Garden Founding](#) by Virginia F. Martin, 10/22, page 14
- [Echinocereus engelmannii](#) by Sue Hakala, 6/22, page 17
- [Espositoa guentheri](#) by Wendy Barrett, 6/22, page 12
- [Euphorbia piscidermis](#) by Rick Zeh, 2/22, page 12
- [Facebook Page](#) by Michelle Schrade, 12/22, page 22; 10/22, page 12; 9/22, page 16; 8/22, Page 16; 7/22, page 13; 5/22 pages 9-11; 4/22, page 11; 3/22, page 14; 2/22, page 13; 1/22, page 15
- [Fallen Friends](#) (Ferocactus) by Sue Hakala, 8/22, page 11
- [Field Trip to Boyce Thompson Arboretum](#) by Cricket Peterson, 5/22, page 5
- [Fruity Cactus: Part 2](#) by Wayne MacDonald, 1/22, page 9
- [Garden and Greenhouse](#) by Rich Zeh, 6/22, page 14
- [Glendale Succulent Space](#) by Michelle Schrade, 3/22, age 16
- [Go Ahead and Get Your Hands Dirty](#) (soil) by Wayne MacDonald, 9/22, page 14
- [Green Lynx Spider](#) by Sue Hakala, 2/22, page 7
- [Growing Stapeliads Outdoors in Phoenix](#) , by Michelle Schrade, 12/22, page 16
- [Holiday Cactus Care AKA Schlumbergera](#) , 1/22, page 14
- [In Memoriam: Celebrating the Life of Dan Smith](#) by Denise Smith, 5/22, page 3
- [In Memoriam: Kathy Oakey](#) by Sue Hakala, 2/22, page 5
- [In Memoriam: Richard J. Smith](#) , 9/22, page 8
- [Incorporating Art in the Garden](#) by Rick Rosenberg, 1/22, page 12
- [Inter-City Cactus and Succulent Show and Sale](#) by Nick Diomedede, 9/22, page 12

[It's Ok to Kill Plants](#) by Kenton Seth, 10/22, page 4
[Mammillaria Clusters](#) by Tom Glavich, 10/22, page 8
[Mammillaria grahamii](#) by Michelle Schrade, 7/22, page 5
[Metro Phoenix Saguaro Census](#) from the DBG website, 5/22, page 5
[Multi-colored Splendor: *Loxanthocereus hoxeyi*](#) by Tristan Davis, 6/22, page 15
[Nature Challenge](#) by Chris Ginkel, 2/22, page 10
[Ocotillo](#) from Arizona Cactus Sales Website, 7/22, page 12
[Opuntia ficus-indica Mystery](#) by Sue Hakala, 4/22, page 9
[PEG Points](#) by Tristan Davis, 9/22, page 9
[Pterodiscus](#) by Scott McMahon, 9/22, page 11
[Prickly Pear Cactus Pads are Made into Leather](#), 5/22, page 14
[Prickly Problem of Opuntia](#) by Mary Osmond Jeulfs and Kim Andrews, 8/22, page 4
[Protecting Yourself from the Sun](#) by Sue Hakala, 5/22, page 15
[Rebutia Reboot](#) by Eric Lundberg, 8/22, page 17
[Seed Vaults](#) by Sue Hakala, 5/22, page 18
[Stenocereus eruca: My Favorite Plant](#) by Ken Schutz, 3/22, page 5
[Tephrocactus alexanderi](#) by Rich Zeh, 12/22, page 13
[Three Interesting and Important Books for Desert Gardeners](#) by Nancy Mumpton, 5/22, page 2
[Top Dressing](#) by Cliff Fielding, 4/22, page 19
[Top Dressing](#) by Ken Luiten, 4/22, page 7
[Top Dressing](#) by Scott McMahon, 4/22, page 10
[Top Dressing](#) by Sue Tyrell, 5/22, page 14
[Trip to Tehuacan-Cuicatlan Biosphere, Puebla, Mexico](#) by Tamara Salvatierra, 6/22, page 6
[Tucson Nursery Caravan](#) by Nick Diomedede, 2/22, page 8
[Turbinicarpus lophophoroides](#) L 723 by Elton Roberts, 3/22, page 10
[Two Heads are Better Than One? \(*Copiopoa cinerea*\)](#) by Cliff Fielding, 8/22, page 9
[Vocabulary Building](#) by Sue Hakala, 8/22, page 19
[Welwitschia mirabilis](#) In Namibia by Guillermo Rivera, 6/22, page 18
[What a Pretty Pattern](#) by Wayne MacDonald, 5/22, page 16
[What Makes a Good Facebook Photo](#) by Michelle Schrade, 5/22, page 12
[What the Heckensis?](#) (plant names) by Tristan Davis, 2/22, page 3
[What's it Called Again?](#) (Importance of keeping records) by Wayne Macdonald, 7/22, page 19
[Welcome Noemi Hernandez Castro, the New Cactus Specialist at the Desert Botanical Garden](#), by Tom Gatz, 12/22, page 9
[Where Art Meets the Desert](#) (the open garden of Joni Hamari and Bill Pence) by Nick Diomedede, 5/22, page 8
[Winter Help](#) by Sue Hakala, 12/22, page 12
[Word Scramble Answers](#), 5/22, page 6

Photo Index 2022

[*Adromischus marianae* f. *herrei* 'Red Coral'](#) by Nick Diomedede, 9/22, page 13
[*Aeonium*](#) by Cricket Cairns-Peterson, 8/22, page 16
[*Agave cryptic*](#) by Tristan Davis, 7/22, page 2
[*Agave cryptic inflorescence*](#) by Tristan Davis, 7/22, page 3
[*Agave 'Kissho Kan'*](#) by Tom Gatz, 2/22, page 13
[*Agave montana*](#) by Jeremy Spath, 9/22, page 2
[*Agave ovatifolia*](#) by Jeremy Spath, 7/22, page 6
[*Agave pintilla*](#) by Jeremy Spath, 7/22, page 7
[*Agave potatorum*](#) by Jeff Moore, 7/22, page 7
[*Agave shawii* ssp. *goldmaniana*](#) by Jeremy Spath, 9/22, page 2
[*Agave utahensis*](#) by Tristan Davis, 2/22, page 3
[*Agaves in the Garden*](#) by Jeremy Spath, 9/22, pages 1 and 2
[*Aloe hybrid 'Safari Rose'*](#) by Chris Ginkel, 2/22, page 14
[*Aloe marlothii*](#) by Duane Tendick, 1/22, page 2

[*Aloidendron dichotoma*](#) by Wayne MacDonald, 9/22, page 15

[*Aloidendron dichotomum*](#) by Steve Plath, 12/22, page 22

[*Austrocylindropuntia floccosa*](#) by Marc Beckstrom, 5/22, page 7

[*Avonia quinmonl*](#) by Cliff Fielding, 9/22, page 5

[*Barrel cactus*](#) by Cliff Fielding, 8/22, pages 9 and 10

[*Beucarnea gracilis*](#) forest by Tamara Salvatierra, 6/22page 7

[*Caralluma acutangula*](#) by Nick Diomede, 9/22, page 13

[*Cereus aethiops*](#) by Chris Ginkel, 1/22, page 15

[*Cleistocactus hildewintera ssp. colademononis*](#) by Sue Hakala, 1/22

[*Common flower parts*](#) , 1/22, page 10

[*Conophytum minusculum*](#) by Steven Brack, 6/22, page 3

[*Copiapo*](#) (several) by Cliff Fielding, 6/22, page 1, 4, 5

[*Copiapo cinerea*](#) by Nick Diomede, 9/22, page 12

[*Crassula fragarioides*](#) by Steven Brack, 6/22

[*Drawing of a hypothetical flower with hypanthium*](#) , 1/22, page 11

[*Echinocactus platyacanthus*](#) by Tamara Salvatierra, 6/22, page 7

[*Echinocereus engelmannii*](#) by Sue Hakala, 6/22

[*Echinocereus pentalophus*](#) by Wendy Barrett, 5/22, page 11

[*Echinocereus rigidissimus*](#) by Robin Brower, 6/22, page 11

[*Echinocereus x roetteri*](#) by Jeff Thompson, 12/22, page 22

[*Echinocereus x roetteri*](#) by Rob Romero, 8/22, page 3

[*Echinocereus triglochidiatus*](#) by Ken Luiten, 5/22, page 1

[*Echinocereus triglochidiatus*](#) by Kristan Johnson, 5/22, page 12

[*Echinopsis 'Flying Saucer'*](#) by Nancy Mumpton, 5/22, page 1

[*Echinopsis*](#) Ginkel #5 by Kathi Roark, 7/22, page 1

[*Echinopsis 'Antimatter'*](#) by Terri Porter, 7/22, page 13

[*Echinopsis 'Minuet'*](#) by Celeste Gornick, 8/22, page 16

[*Echinopsis sp.*](#) by Lori Heade, 5/22, page 12

[*Edithcolea grandis*](#) by Cameron Davis, 7/22, page 13

[*Espostoa guentheri*](#) by Wendy Barrett, 6/22, page 12

[*Euphorbia clivicola*](#) by Tom Glavich, 5/22, page 2

[*Euphorbia hallii*](#) by Tom Glavich, 5/22, page 2

[*Euphorbia piscidermis*](#) by Rick Zeh, 2/22

[*Fallen Friends \(Ferocactus\)*](#) by Sue Hakala, 8/22, page 11

[*Ferocactus*](#) by Cliff Fielding, 8/22, pages 9, 10

[*Ferocactus*](#) by Sue Hakala, 8/22, pages 11, 12

[*Ferocactus chrysacanthus*](#) 'Red Spines' by Eric Lundberg, 10/22, page 12

[*Ferocactus crested*](#) 8/22, page 19

[*FruityCactus: Part 2*](#) by Wayne MacDonald, 1/22, page 9

[*Gasteria brachyphyla*](#) by Wayne MacDonald, 9/22, page 15

[*Gymnocalcium anisitssi ssp. multiproliferum*](#) , 10/22, page 3

[*Hamatocactus setispinus*](#) by Robert Souder, 9/22, page 10

[*Holiday Cactus Care aka Schlumbergera*](#) by Eunice Anne Fowler, 1/22, page 14

[*Homalocephala texensis*](#) by Tristan Davis, 2/22, page 3

[*Haworthia fasciata*](#) by Wayne MacDonald, 9/22, page 15

[*Haworthia truncata*](#) by Wayne MacDonald, 9/22, page 15

[*Huernia bayeri*](#) by Michelle Schrade, 12/22, page 18

[*Huernia hislopilii ssp. robusta*](#) by Michelle Schrade, 12/22, page 17

[*Inflorescence branch pattern*](#) by Wayne MacDonald, 5/22, page 16

[*Joshua Tree*](#) by Dug-Less Vilums, 3/22, page 3

[*Leaf pattern on a stem*](#) by Wayne MacDonald, 5/22, page 17

[*Leaves on an inflorescence*](#) by Wayne MacDonald, 5/22, page 16

[*Lobivia famatimensis*](#) by David Hemming, 9/22, page 3

[*Loxanthocereus hoxeyi*](#) (several) by Tristan Davis, 6/22, page 15 and 16

[*Mammillaria baumii*](#) by Sue Hakala, 10/22, page 8

[*Mammillaria geminispinga*](#) ‘Super Clone’ by Sue Hakala, 10/22, page 9

[*Mammillaria grahamii*](#) by Michelle Schrade, 7/22, page 5

[*Mammillaria heyderi var. bullingtoniana*](#) by Tom Gatz, 1/22, page 7

[*Mammillaria lenta*](#) by Sue Hakala, 10/22, page 9

[*Mammillaria magnimamma*](#) by Sue Hakala, 3/22, page 13

[*Mammillaria mazatlanensis*](#) by Tristan Davis, 2/22, page 3

[*Mammillaria parkinsonii*](#) by Nick Diomede, 9/22, page 12

[*Mammillaria sp.*](#) by Tamara Salvatierra, 6/22, page 8

[*Mammillaria spinosissima*](#) by JustinThiel, 2/22, page 7

[*Mammillaria spinosissima ‘Un Pico’*](#) by Annae Bannanae, page 11

[*Mammillaria wagneriana*](#) by Rafael HC, 4/22, page 21

[*Mangave ‘Snow Leopard’*](#) by Cameron Davis, 10/22, page 12

[*Opuntia aciculata*](#) by Carlos Manglano, 5/22, page 14

[*Opuntia ficus-indica with larvae bore*](#) by Amy Anderson and Sue Hakala, 4/22, page 9

[*Opuntia erinacea*](#) by Robin Brower, 6/22, page 11

[*Opuntia*](#) sp. by Lalit Grupta, 7/22, page 16

[*Opuntia sp.*](#) by Robert Sasha, 5/22, page 12

[*Opuntia: The Prickly Problem Opuntia*](#) by Mary Osmond Jeulfs and Kim Andrews, 8/22, page 4

[*Orbea lutea ssp. vagg*](#) by Rick Rosenberg, 9/22, page 6

[*Orbea variegata*](#) by Michelle Schrade, 12/22, page 18

[*Othonna cacalioides*](#) by Steven Brack, 6/22, page 2

[*Pachypodium namaquanum*](#) by Wayne MacDonald, 9/22, page 15

Plants from Bach’s, Mesquite Valley Growers, B&B, Plants for the Southwest by Nick Diomede, 2/22 [*Pseudobombax ellipticum*](#) (*Bombax ellipticum*) by Nick Diomede, 9/22, page 13

[*Pterodiscus aurantiacus*](#) by Scott McMahon, 9/22, page 11

[*Pterodiscus makatiniensis*](#) by Scott McMahon, 9/22, page 11

[*Protecting Yourself from the Sun*](#) by Sue Hakala, 5/22

[*Rebutia flavistyla*](#) by Eric Lundberg, 8/22, page 17

[*Rebutia heliosa var. theresae*](#), Eric Lundberg, 8/22, page 18

[*Rebutia mentosa*](#) syn. *Sulcorebutia mentosa* by Eric Lundberg, 8/22, page 18

[*Rebutia neocumingii ssp. tolii*](#) by Eric Lundberg, 8/22, page 18

[*Saguaro crested*](#) from DBG website, 5/22, page 5

[*Sansevieria francisii*](#) by Nick Diomede, 9/22, page 12

[*Schlumbergera sp.*](#) by Eunice Anne Fowler, 1/22, page 14

[*Schick Echinopsis*](#) hybrid ‘Minuet’ by Celeste Gornick, 8/22, page 16

[*Sophora secundiflora*](#) by Wayne MacDonald, 1/22, page 9

[*Simplified view of common flower parts*](#), 1/22, page 10

[*Stapelia*](#) buds by Wendy Barrett, 9/22, page 16

[*Stapelia gigantea*](#) (growing in the ground) by Michelle Schrade, 12/22, page 16

[*Stenocereus eruca*](#) by Ken Schutz and Sue Hakala, 3/22, page 5

[*Svalbard seed vault exterior and interior*](#), 4/22, page 18

[*Tephrocactus alexanderi*](#) by Rich Zeh, 12/22, page 13

[*Titanopsis fulleri*](#) by Scott McMahon, 3/22, page 14

[*Thelocactus hexaedrophorus*](#) by Eric Lundberg, 1/22, page 9

[*Thelocactus tepelmensis*](#) by Tristan Davis, 2/22

[*Trichocereus candicans*](#) by Wendy Barrett, 8/22, page 1

[*Trichocereus ‘Flying Saucer’*](#) by Judy Braden, 5/22, page 11

[*Trichocereus hybrid*](#) by Celeste Gornick, 5/22, page 11

[*Trichocereus hybrid*](#) by Chris Ginkel, 9/22, page 16

[Trichocereus 'Pink Argentine Giant'](#) by Chris Ginkel, 5/22, page 11

[Turbinicarpus lophophoroides](#) L 723 in bloom and multi-headed by Elton Roberts, 3/22, pages 10-11

[Weingartia riograndensis](#) by Tristan Davis, 2/22

[Welwitschia mirabilis](#) by Guillermo Rivera, 6/22, page 18

[Where Art Meets the Desert](#) (the open garden of Joni Hamari and Bill Pence) several photos of the garden by Nick Diomedede, 5/22

[Yucca rostrata](#) by Butch Gaberman, 5/22, page 10

[Xerosicyos gangue](#) by Wendy Barrett, 4/22, page 11

Programs

[Agaves in Nature and Our Garden](#) with Jeremy Spath, 9/22, page 2

[Euphorbias](#) with Tom Glavich, 5/22, page 2

[Forgotten Botanist](#) with Wynne Brown, 4/22, page 2

[Hedgehog Heaven](#) with Rob Romero, 8/22, page 2

[In the Arms of Saguaros: Iconography of the Giant Cactus](#) with Larry Bird, 10/22, page 6

[Out of the Fire, and into the Pan](#) with Steven Brack, 6/22

[Shining a Light on a Hidden Agave](#) with Tristan Davis, 7/22, page 2

Open Gardens

[Cliff Fielding](#), 9/22, page 5

[Dana Hiser](#), 4/22, page 13

[Joni Hamari and Bill Pence](#), 5/22

[Scott McMahon](#) 4/22, page 14

[Rick Rosenberg](#) 4/22, page 15

[Tom Briggs](#), 3/22

Field Trips

[Tucson Nursery Caravan](#) by Nick Diomedede, 2/22, page 8

Compiled by Sue Hakala February 2021 Proofreading assistance by Lauren Marks through 2016, Betsy Dowling 2017, Nancy Mumpton 2018, Barbara Macnider 2019-2022.

Updated and corrected May 2025 by Peter Bockenthien.



Central Arizona Cactus and Succulent Society

An Affiliate of the Cactus and Succulent Society of America

© 2024 CACSS a 501(c)(3) organization