

Genus *Trichocereus*

Cactaceae. Large genus of some 50–80+ species native to the Andes of Ecuador, Peru, Bolivia, Argentina and Chile. Several decades ago merged with the closely related genus *Echinopsis*, then recently segregated again to *Trichocereus* but with questionable changes, leading to great confusion. In many ways this genus is a perfect case study in the absurd modern trends in armchair taxonomy. Here we recognize *Trichocereus* as a distinct genus, variable in size and form; sometimes low growing multi-branching colonies, others large candelabra-like stands to imposing tree-like giants. All produce large funnel shaped flowers that are often sweetly scented. These magnificent flowers are either white and nocturnal or multi-colored and diurnal. The fruits are edible and quite delicious. Often mistakenly thought of as sun baked desert plants, many of these species are in fact integral members of forest ecosystems- from *Prosopis* and *Anadenanthera* dry forests to *Polylepis* cloudforests. The oldest depiction of a succulent plant (and possibly of its propagation) is an anthropomorphic being carrying a rooted *Trichocereus* cutting at the 3000 year old temple of Chavin de Huantar in the central Peruvian Andes. Today cuttings are often planted as living fences throughout South America. Flower petals and the inner flesh of most species are excellent external remedies for wounds and burns much like *Aloe vera*. Cut stems of some species are traditionally used to “purify” water and in some regions made into an esteemed shampoo. All are relatively fast growing, easy from seed and fairly cold and wet tolerant. Increasingly popular as hardy landscape specimens. *Trichocereus* provide some of the best long lived grafting stocks. For optimal growth provide a rich well-drained soil, plenty of horizontal root room, bright light and regular water and nutrients during Spring and Summer. In habitat *Trichocereus* occur with a diverse array of companion plants and we encourage you to try growing them with some of these commonly associated Andean species: *Peperomia galioides*, *Ephedra americana*, *Siphocampylus tupaeformis*, *Sedum* spp., *Echeveria* spp., *Puya* spp., *Agave cordillerensis*, *Mutisia acuminata*, *Furcraea* spp., *Baccharis* spp., *Bomarea* spp., *Calceolaria* spp., *Anadenanthera colubrina*, etc. For a number of years we have been involved in a long term interdisciplinary field study of the ethnobotany, ecology, distribution and taxonomy of these cacti. All BK numbers are from our wild seed accessions. Purchase of plants helps to fund ongoing research. Check the Specimen List on our homepage for additional offerings of specimens, rarities, and new hybrids and sign up for our email list to be notified of plant auctions— <http://lists.sonic.net/mailman/listinfo/sacredsucculents>

Note on cuttings – We send rooted cuttings whenever available, otherwise cuttings are unrooted. Cuttings and any plants over 6" **can not** be sent potted. We often have larger size cuttings than those listed, please inquire. *Plants marked with an asterisk are large, heavy and have special shipping charges: \$16 for the first plant \$2 each additional.

Trichocereus angelesii

Sprawling and clustering stems to about 3' long. 20 or more ribs covered in small spines. Red to white flowers. Somewhat similar to *T. huascha*. Native to Guachipas, Salta, Argentina. Very rare in Cultivation. Z9a
Seed packet \$4

Trichocereus 'argentinensis' “Argentina Peruvianus”

Fat, extremely glaucous blue, upright stems 5–10" diameter. 1"+ yellowish spines. Gorgeous, rare, unusual peruvianoid supposedly from Argentina. Z9a
Inquire for cuts

Trichocereus bertramianus (=Helianthocereus bertramianus)

Columnar monster with stems up to 10" in diameter and 6–8' tall. The numerous ribs are completely covered with many 2–3" white and yellow bristly spines giving the plant the appearance of having golden hair. Creamy white diurnal flowers. Grows at 12,000' La Paz, Bolivia. Z7b–8a

Seed packet \$4

Trichocereus bridgesii “Achuma”

Forms dense candelabra thickets to 18' tall. Fat to slender blue-green branches with 4–8 ribs. New spines bright yellow later turning gray, up to 3" long. Heavenly scented nocturnal white flowers. Tasty fruit. Native to north Bolivia where it occurs up to 12,000'+ and is often seen planted as a living fence and has a long but obscure history of use in traditional medicine. Cuttings from varied seed grown plants. Z9a

Seed packet \$4

10–12" cutting from seed grown plants \$24.50* *Inquire for larger cuts*

Trichocereus bridgesii Baker5452 “Achuma”

Slender blue-green branches. Collected for the late B. Baker by J. Cruz from a shaman's garden, Jayuri, Murillo Prov, La Paz, Bolivia. Z9a

5–6" cutting \$18.50

Trichocereus bridgesii ‘Eileen’ An Australian selection, typical form of the species, but they love it in Oz. Nice blue epidermis. 5–6" cutting \$18.50

Trichocereus bridgesii ‘Reynolds’ “Achuma”

Spiny blue heirloom clone collected by the late cactus enthusiast D. Reynolds in the 1960s when he was just 12 years old! He found it growing in front of a motel along El Camino Real, then a small road, in Mountain View, CA. Dave had a massive candelabra of this plant growing at his house when we met him, sadly after his passing his family had the plant cut and taken to the dump. Thankfully Dave gave us cuttings and we offer them here in his memory.

5–6" cutting \$16.50 (limited) / 10–12" cutting \$28.50* (limited)

Trichocereus bridgesii SS02 (= *Trichocereus* sp. SS02)

Dense candelabra stands to 16' tall. Blue-gray/green frosted stems up to 5" in diameter with 5–7 ribs. Each areole bears 2–4 central spines up to 1.5" long. The new growth on old stems is often spineless for short sections. A distinct form, similar to plants seen around the La Paz basin. Z9a

5–6" cutting \$20.50 *Inquire for larger cuts*

Trichocereus bridgesii f. *monstrosus* “Achuma”

We have 2 distinct mutant achuma clones.

Clone A Virtually spineless. Smooth blue-green stems with 2–4 indistinct ribs. Occasionally produces yellow spines up to 3" long. Plants eventually form candelabra like stands. Individual stems can grow to be remarkably phallic and this clone is referred to as the “penis cactus.”

5–6"+ cutting \$18.50 *Inquire for larger cuts*

Clone B 2–5 ribs initially bearing 3" yellow spines then becoming smooth and spineless. The stems reach 4–6" in length then stop growing and begin to offset. Eventually forms dense stands to 6' tall made up of hundreds of small multi-branched stems.

4–5"+ cutting \$18.50

Trichocereus bridgesii f. *cristata*

Some years ago an unusual growth of crested tissue appeared on a specimen our *T. bridgesii* f. *monstrosus* clone B and we began propagating this special sport. One of the oddest crests; mostly spineless blue-green tissue in thin or rounded ridges, sometimes resembling a cresting wave. Demand has always been high and supplies short. We have finally propagated enough of this wonder to offer it here. Slow growing, each plant is a unique living sculpture.

2.5–3"+ cutting \$36.50 (limited)

Trichocereus 'culpinesis'

Robust columnar stems with dark green skin. Large areoles and stout spines. White flowers. An invalid name given to this plant by K. Knize, it appears to be a form of the diverse *T. taquimbalensis*. Culpina southern Bolivia, 9,200'. Z9a

Seed packet \$4

Trichocereus cuzcoensis (=Trichocereus peruvianus v. cuzcoensis) “Hawaq’ollay”

An underappreciated spiny species with glaucous-blue upright stems to 15' + and gorgeous spines to 2.5"+. Large, sweetly scented, nocturnal white flowers, edible fruit. Native to the Inter-Andean valleys and eastern slopes of central and southern Peru up to 12,000'+. Considered a “San Pedro” and utilized as medicine since antiquity. Sections of de-spined stems can still be found for sale at the outdoor Cuzco market for use as a famous shampoo said to treat baldness, as a contraceptive and remedy for burns, headaches, fevers, swellings, and flu. The sap is used as a natural sealant for adobe walls. After years of study we now reject its status as a varietal of *T. peruvianus*; based on its distinct flowers, macro-morphology and ecological distribution it is clear it is only distantly related to that species. Z8b–9a

Seed packet \$4

Inquire for cuttings

Trichocereus escayachensis (=Helianthocereus escayachensis)

Branching giant to 14' tall. Stems may get to be as fat as 1.5' in diameter. 14 or more ribs with numerous 1–2" long, thin gray spines. Large funnel form diurnal flowers with white petals and purple-brown sepals. Native to the 7,000–10,000' high plateaus of south Bolivia. Reminiscent of another Bolivian giant, *T. werdermannianus*. Z8b

Seed packet \$4

Trichocereus formosus* v. *rosarioana “Koko”

Barrel cactus to 12"+, clustering with age. Armored with dense amber to gray colored spines. Urn shaped diurnal flowers, from bright yellow to red. A dwarf variety of *T. formosus* from Sierra Famatima, Argentina. Blooms when small. Heat and cold hardy. Z8a

Seed packet \$4

***Trichocereus giganteus* KK1094** "San Pedro" "Achuma"

Upright pachanoid with medium spines and dark green stems. Knize collection from Otavi, Bolivia, 10,600'. Not a valid name, Knize named many new plants during his extensive travels but then never bothered to publish. A very rare, unique and interesting cactus, whatever it may be. Z9a

Inquire for cuttings

Trichocereus glaucus

Bushy cactus that grows to 4–6' tall then tends to go prostrate. Slender blue-gray stems with 7–9 ribs and spines as long as 1.5". The spines are at first amber red then turn black and eventually gray. White night-blooming flowers. A desirable and seldom seen species native to southern coastal Peru. Z9a–b

5–6" cutting \$16.50

Trichocereus grandiflorus (=Helianthocereus grandiflorus, Lobivia grandiflorus)

Short clumping stems up to 1.5' tall and 3"+ wide. Numerous short yellow spines. Blood red flowers. Catamarca, Argentina. Z8a

Seed packet \$3.50

Trichocereus huanucoensis “Huachuma Gigante”

Forms candelabra like stands up to 20' tall. 4–8" diameter dark blue-green stems with 5–7 thick ribs. Brown felty areoles that bear up to 7 small radial spines, 3 centrals up to 2" long. New growth on older stems is often completely spineless. White nocturnal flowers. This distinct species, which resembles *T. bridgesii* on steroids, is native to Huanuco in the central Peruvian highlands. A favorite among collectors. True seed from our mother plants. Z9a

Seed packet \$6 *Inquire for cuttings*

Trichocereus huascha (=Helianthocereus huascha, Lobivia huascha)

A many branching, semi-prostrate plant 2–3' tall. The 2–3" diameter stems have 12–18 ribs with close set areoles bearing nine or more thin yellow, brown or reddish spines up to 1.5" long. Red, orange or yellow diurnal flowers. Native to Catamarca, Argentina where it forms large clusters of sprawling snake-like stems. Blooms abundantly late spring through summer. Z8a–b

Inquire for cuttings

Trichocereus huascha* v. *macranthus (=Helianthocereus, Lobivia huascha v. macranthus)

Less common variety that has dark green stems, striking red-purple spines with 2" curving centrals and large golden-yellow flowers. A real beauty! Z8a

5–6"+ cutting \$14.50

Trichocereus knuthianus (=Trichocereus sp. SS03, Trichocereus peruvianus v. knuthianus) “San Pedro Macho”

Graceful upright columns to 16' or more. Dark green stems up to 6" in diameter. Spines to 2" long. White nocturnal flowers, edible fruit. A desirable rare and beautiful plant from the upper course of the Marañon River, northern Peru. Closely allied with *T. cuzcoensis*. Z9a

Inquire for cuttings

Trichocereus macrogonus

Blue green stems to 6" thick and 10'+ tall. 6–9 ribs, several spines up to 2" long. White nocturnal flowers. Similar to, often confused with, and possibly even synonymous with some forms of *T. peruvianus*. The wild origin of the species is unknown. European seed stock. Z9a

Seed packet \$4

***Trichocereus macrogonus* 'True?'**

Upright bluish green stems. Spines to 1"+. Cutting from European stock, this is believed to be the original true *T. macrogonus* clone from which the species was described, the wild origin is unknown. Distinct from *T. peruvianus* which some have recently renamed as *T. macrogonus* as the ever inspiring charade of taxonomical buffoonery around the genus *Trichocereus* continues. Z9a

5–6" cutting \$22.50 (limited)

Trichocereus narvaecensis (=Helianthocereus narvaecensis)

Clumping columnar stems to 4"+ in diameter and 3' or more in height. 15–18 ribs and pretty yellow spines up to 0.5" long. Sweet white flowers, large juicy fruits. Native to Narvaez, Bolivia. Still rare in cultivation. Z8b

Seed packet \$4

Trichocereus orurensis (=Helianthocereus orurensis)

One foot thick columns to 6' or more in height. 18–22 ribs covered in abundant, thin, brownish-yellow spines up to 4" long. Light purple day blooming flowers. Another awesome spiny behemoth from Oruro, Bolivia at 12,000'. Z8a

Seed packet \$4

Trichocereus pachanoi “San Pedro” “Huachuma” “Giganton”

Forms candelabra like stands up to 20' or more in height. 3–6" diameter green stems with (4) 5–9 or more ribs and small to medium size spines. Large funnel form night blooming flowers with white petals and reddish sepals, exquisitely scented. Tasty edible fruit. Native to the forests of Ecuador and north Peru. This cactus has been cultivated for thousands of years by Andean natives who have utilized it for many medicinal purposes. Said to have a powerful and protective spirit and is traditionally planted outside the entrance to homes as a guardian. Easily grown and fast. Makes an excellent grafting stock, we offer perfect size cuttings for this. Z9a

Seed packet \$4 / 5–6" long slender cutting \$11.50

10–12" cutting \$20.50* *Inquire for larger plants*

***Trichocereus pachanoi* ‘Huancabamba’** “Huachuma” “San Pedro”

Typical “wild” *T. pachanoi*, upright rounded green stems, smallish spines, white flowers. Seed from Huancabamba, northern Peru, a region long famous for its huachumeros (shamans). Widely cultivated in the area and likely represents part of the natural distribution of the species. Z9a

5–6" cutting \$18.50

***Trichocereus pachanoi* Kimmach et al. 2876D** “San Pedro” “Huachuma”

Wild San Pedro, fat rounded ribs and 1/4–1"+ spines, white flowers. Collected along the Cajamarca to Namora road, Cajamarca Dept., north Peru. Z9a
5–6"+ cutting \$18.50

***Trichocereus pachanoi* ‘Ogunbodede’s Matucana’** “San Pedro” “Huachuma”

Upright rounded stems with small spines. Originally imported by K. Trout, reportedly from Matucana, Lima, Peru where we have observed *T. pachanoi* planted around the town. This is the clone that stood out in Ogunbodede’s analytical study. The demand has been absurd and we’ve only had enough to offer through our email auctions the past couple years. We occasionally have extra 5–6" cuttings— *which you may inquire about and make an offer on.* (Folks have been offering \$150–300+ for these but we’ll consider any offer.)

Trichocereus pachanoi* f. *cristata/monstrosus “Mutant San Pedro”

We have 2 distinct and highly unusual mutant clones of this favorite cactus. Please note that the cristate cuttings grow slower than the monstrose and all have the potential to occasionally revert to normal columns. Z9a

Clone A Forms thick fans of cristate growth. Occasionally reverts to normal growth or sometimes monstrose columns that have the look of molten wax. ***Cristata*** 3"+ cutting (*inquire*) ***Monstrosus*** 5–6" cutting \$16.50, 10–12" cutting \$28.50*

Clone B Forms clumps of coral or brain-like cristate growth. Often offsets monstrose branches that mutate in a variety of interesting ways. ***Cristata*** 3"+ cutting (*inquire*) ***Monstrosus*** 5–6"+ cutting \$16.50

***Trichocereus* aff. *pachanoi* BK10508.1** “San Pedro”

Upright columns to 10'+, small spines. Common clone around Cochabamba City, Bolivia. Looks distinct from the *T. pachanoi* of Peru/Ecuador, though local botanists refer to it as *T. pachanoi*. Possibly brought to the region during the Incan colonisation of the area in the 1400s. Our collection from the base of Cerro San Pedro, about 1 mile from the Martin Cardenas Botanical Garden, near 8,500'. Z9a *Inquire for cuttings*

***Trichocereus* aff. *pachanoi* BK10508.5** “San Pedro”

Upright columns to 8'+, small spines. Often produces 4 ribbed stems. Similar if not the same as the clone abundant around Cochabamba City. Arid *Prosopis* forests at Tiatako, east of Cochabamba city, 7,500'. Z9a *Inquire for cuttings*

***Trichocereus* aff. *pachanoi* BK10512.11** “K’ulala” “San Pedro”

One of our favorites. Upright columns to 10', dark green glossy stems 4–6" diameter. Distinct large white areoles, small spines to 1/4". *T. pachanoi* like, but distinct from other clones we’ve seen. Planted at a home near Cuchucunata, Cochabamba, Bolivia, 8,250'. The owners call it “k’ulala”. Z9a *Inquire for cuttings*

***Trichocereus* aff. *pachanoi* Hutchison et al 6212** (BBG 64.0762) “San Pedro” “Huachuma”

Upright stems to 8'+ tall and 6" in diameter. 5–9 fat, rounded ribs and miniature spines. Sweet night blooming white flowers. A really gorgeous San Pedro that is most likely simply a distinct clone of wild *T. pachanoi*. Originally collected above 8,000' by P. Hutchison and J.K. Wright & R.M. Straw in the Canyon Rio Maranon above Chagual, just below Aricapampa, Huamachuco Prov., La Libertad Dept., Peru. 5–6"+ cutting \$19.50

***Trichocereus pasacana* (=Helianthocereus pasacana)** “Cardon Santos”

Massive tree like species up to 30' tall. The stems grow up to 1.5' thick and branch from near the base. 15–35 ribs covered in numerous dense white or yellow spines up to several inches long. In some specimens the spines are flexible and bristly, resembling coarse hair. 5" white day blooming flowers, followed by edible fruits known as “Pasacana.” Wide spread throughout the desolate high deserts of northern Argentina and southern Bolivia. Considered a “holy” cactus. Ashes of the fruits, seeds and flowers are known to be used in special “Ilipta” mixtures, lime preparations that are chewed with coca (*Erythroxylum* species) leaves. Very closely related to *T. terscheckii*, basically the higher elevation form. Z8a Seed packet \$3.50

***Trichocereus pasacana* BK151012.3** “Pasacana” “Cardon Santos”

The most densely spined population we came across during our travels with thick columns to 10–15'+ and even an impressive crested specimen. At the mysterious ancient archaeological site of Santa Rosa de Tastil with its extensive maze of low rock walls, Salta, Argentina, 10,000'. Growing in eroded granite with mounding *Ephedra*, *Larrea*, *Fabiana* and other densely spiny shrubs and cacti. Z8a *Inquire for plants*

***Trichocereus pasacana* BK151014.1** Robust large population of this giant to 25' with a diversity of spination. Near Volcan, Jujuy, Argentina, 7000'. *Inquire for plants*

***Trichocereus pasacana* BK151014.9** “Pasacana” “Cardon Santos”

Fat specimens to 20' bristling with long stout spines, large white blossoms. Our accession of this magnificent giant from near the Incan outpost of Tilcara, Jujuy, Argentina, 8000'. A diverse and adaptable cold hardy species. Z8a Seed packet \$5 / 1.5–2.5" diameter plant 3 years old \$14.50 or 2 for \$25

Trichocereus peruvianus “San Pedro Macho” “Pichu”

An often confused species, after studying the plants in habitat we only offer here what fits the original Britton and Rose description for the species. Columnar cactus to 12'+, often sprawling or even prostrate. Glaucus blue-green, chunky stems to 6"+ diameter. Large brown felted areoles widely spaced. Armored with stout spines 1/2–3"+ long. Fragrant white nocturnal flowers and large edible fruits with a sweet white pulp. This species seems to be restricted to the valleys of the western Andean slopes of central and southern Peru, occurring between 6,000–11,000'. Z9a:

***Trichocereus peruvianus* ‘Los Gentiles’** “Pichu” “San Pedro Macho”

Fat blue frosted upright to decumbent stems 4–6" in diameter. Large fuzzy areoles with 6+ short radial spines and 1 or more long stout central spines. New spines originally blood red to yellow, fading to black and then dull gray or white with age. White flowers. Ripe fruits are considered a choice “Pitahaya”. Occurs at 6,000– 10,000' in the western slopes of Peru near Matucana, Huarochiri Prov., Lima Dept. Often grows in a acequia irrigated agricultural systems on rock wall borders of andenes and milpa style gardens. A preferred species being harvested for the herbalist markets of Peru. Only seven ribbed stems are gathered and the cactus is referred to as “Pichu”. Said to have been tended to for at least 3,800 years by the lineage of people known as “Los Gentiles”. *Inquire*

***Trichocereus peruvianus* BK08612.4** “Pichu” “San Pedro Macho”

Fat blue-green stems to 6"+ in diameter. New spines red to yellow, to 3" long. Often growing prostrate or descending. White flowers, sweet fruit. Usually growing with *Peperomia galioides*, *Mutisia* sp., and *Echeveria* as companions. Above the town of Matucana, near 8,600', Lima Dept., Peru. *Inquire*

***Trichocereus peruvianus* BK08612.9** “Pichu” “San Pedro Macho”

Our seed collection, growing on the arid, steep mountainside by the town of Surco, Huarochiri, Lima Dept., Peru, around 8,000'. Blue, serpent like specimens growing over rocks and down the mountain. Z9a *Inquire*

Trichocereus paco

Stout columnar stems to 14" diameter and 5 to 15' tall. Armored with a great number of stiff bristly spines 1–3" long. Short tubular diurnal flowers of pink-purple. Edible fruit. A distinctly attractive behemoth from southern Bolivia. Z8b Seed packet \$4

Trichocereus pseudocandicans v. roseoflorus

Short clustering stems 1–3' tall. 11–14 dark green ribs, thick felty areoles with stout yellow to reddish spines that fade gray. Large funnellform diurnal flowers with fuchsia-pink petals. Egg size fruit with sweet white pulp. Seed from Alto Carrizal, Argentina. A lovely species. Z9a Seed packet \$4

***Trichocereus puquiensis* KK1689 (=Trichocereus peruvianus v. puquiensis)**

Erect branching stems to 12' or more. 8–12 ribs and blue-green skin. Well armed with long spines. White nocturnal flowers, edible fruit. Endemic to the Puquio valley, Ayacucho Dept., Peru, Knize collection 9200'. Very similar to *T. cuzcoensis*, mostly given species status due to it occurring on the western Andean slopes in contrast to *cuzcoensis* growing in the inter-Andean valleys and eastern slopes. Z9a Seed packet \$4

Inquire for cuttings

***Trichocereus randallii* RCB363 (=Helianthocereus randallii)**

A very rare *Trichocereus* with deep green, short fat stems up to one foot in diameter and 2–3' tall. 18 or more ribs and a multitude of compressed reddish-brown spines. Produces breathtaking, urn-shaped, deep purple flowers. Seed collected from the valley of Paicho 10,500' in Tarija, Bolivia. Z8b sold out

***Trichocereus riomizquensis* FR856**

Upright glossy green stems with 5–9 ribs and short spines. White nocturnal flowers. A very rare pachanoid similar to *T. bridgesii* and *T. scopulicolus*. Seed originally collected by Friedrich Ritter in the late 1950s from plants growing on steep rocky walls; Chujllas, Campero, Cochabamba, Bolivia. From our research in this region in 2010 this population appears to now be extinct. Z9a 5–6"+ cutting \$17.50

***Trichocereus riomizquensis* BK10512.1 “Achuma”**

Upright stands to 10'+ tall. 2–5" diameter stems with green to blue-green to yellow-green epidermis. 4–7 radial spines with 1–3 central spines to 3" long. Looks to be a distinct spiny form of *T. bridgesii*. Growing on a steep hillside next to a home at the entrance to the town of Titora, Cochabamba, Bolivia, 9,000'. Growing with *Buddleja tucumanensis*, *Carica*, and Asteraceae. Local women call it “achuma” and use it externally to treat fever. No one knew where it grew wild. We searched where Ritter first described the plant at Chujllas, and along the Rio Mizque, adjacent valleys and slopes, but never found a single wild plant, only herds of feral goats. First introduction. Z9a *Inquire for cuttings of this and other riomizquensis BK accessions*

***Trichocereus santaensis* BK09509.9 “Huachuma” “San Pedro”**

Blue-green epidermis. Up to 5 small spines, 1/8–1/4" long. Stems 3.5–4" diameter. Large arborescent stand to over 15' tall. Main woody trunk to 6"+ diameter. Lower stems covered in *Tillandsia*. Growing with *Bacharis latifolia*, *Ephedra americana*, *Cyclanthera* sp., *Tagetes* sp., *Agave cordillerensis*, *Bidens* sp., *Borzicactus fieldianus*, *Cylindropuntia* sp. Growing on the west side of the Santa River, near Olleros and the ancient road that connects the Callejon de Huaylas with Chavin 11,000'. Z9a *Only available through our periodidic auctions this year*

***Trichocereus santaensis* BK09509.10** Long spined accession, spines 1.5–2.5"+ long. *Inquire for cuttings*

***Trichocereus santaensis* BK09511.7 “Huachuma” “San Pedro”**

Blue-green epidermis. Small spines less than 1/8" to 1/4" long. Stems to 10' tall. Growing with *Schinus molle*, *Baccharis* sp., *Cylindropuntia* sp., and *Bidens* sp., just above the floodplains on the west side of the Santa River, at the base of the Cordillera Negra, to the north of Puente Choquechaca, Ancash, Peru, 7250'. Field bioassay suggests great promise. Z9a *Due to high demand/limited stock—cuttings are only available through our auctions, check our website*

Trichocereus scopulicola

Much sought after rare *pachanoid*. Upright stands to 15' tall. Chunky, dark green stems with 5–8 ribs and tiny spines. White night blooming flowers, edible fruit. A rare species endemic to the rocky dry forests of Tarija, Bolivia. Our favorite. Z9a *Only available through our periodidic auctions this year*

Trichocereus spachianus

Golden spined columnar cactus with 10–15 ribs. Branches freely from the base, rarely exceeding 7' in height. Huge white night blooming flowers that are sweetly scented. Native to Argentina. Good as a long lived grafting stock. Z8a sold out

Trichocereus tarijensis

Thick columns to 10" diameter and 5' tall. Red-brown to yellow spines, up to 15+ per areole measuring 1.5"+ long. Funnel shaped diurnal flowers to 4" with wine red petals. Salmon colored fruit with white edible flesh. Another beautiful monster form south Bolivia/north Argentina. Z8a Seed packet \$4

***Trichocereus terscheckii* “Cardon Grande”**

Gigantic tree like cactus to 40' tall and 2' in diameter. 8–14 ribs with widely spaced areoles bearing 8–15 yellow spines as long as 2–4". White nocturnal flowers. Becoming a popular landscape plant in the U.S. because it resembles the Saguaro (*Carnegeia gigantea*) but can be successfully grown in areas of higher rainfall and colder temperature. Found throughout the hot high deserts of northern Argentina. Closely related to *T. pasacana*, from our travels it appears to be the lower elevation form of the same species. Z8a–b *Inquire for plants*

***Trichocereus tulhuayacensis* KK337**

A very spiny upright peruvianoid from Huachac, Peru. Thick green stems, frosted blue-gray. Long spines start off red-brown top black and age gray. We were pleasantly surprised when the plant finally flowered in 2008, with a bizarre red/magenta blossom—very unusual for peruvianus kin. Z8b 5–6" cutting \$36.50 (limited)

Trichocereus ‘tupizensis’

Another questionable name within this genus that inspires taxonomical confusion. This is likely what Backeberg described as *T. taquimbalensis* v. *wilkae* from Tupiza southern Bolivia. Z9a Seed packet \$4

***Trichocereus* sp. BK09509.2 “San Pedro de Chavin”**

Candelabra stems to 10'. Stems to 4" diameter, dark green epidermis, new growth blushed blue. 5–7 radial spines, the downward facing ones up to 1.5" long. 1 central spine to 2.5". New spines yellow to red-brown in color. Looks intermediate to *T. pachanoi* and *cuzcoensis*. Growing on rocky cliffs, western slopes above the north end of the modern town and ancient ruins of Chavin de Huantar, 10,600', Ancash Dept., Peru. Z9a *This and other Chavin BK accessions are only available through our periodidic auctions*

Trichocereus sp. Luther Burbank "Quisco" (=Trichocereus peruvianus?)

Upright columns to 10'+. Gray-green stems to 6" diameter with 7–9 ribs and yellow-gray spines up to 2.5" long. White flowers. Another plant in the *T. peruvianus* complex. A large stand grew for many years at the California home and gardens of horticultural mystic Luther Burbank, but was removed during a renovation years back. In his writings it was referenced as the Quisco cactus, of Chilean origin. Z9a *Inquire for cuttings*

Trichocereus sp. SS01 (=Trichocereus peruvianus?)

Columns to 8'+ tall. Fat blue-green stems up to 6" in diameter and 2"+ spines. White flowers. Can grow very fast; up to several feet a year. Grows prostrate with age. Likely a form of *Trichocereus peruvianus*. Z9a *Inquire for cuttings*

Trichocereus sp. 'Tammy'

Robust upright blue-green stems to 3–6" diameter. 1/4–1"+ spines. White flowers. Salvaged from an old stand in Tammy's yard near Oakland, CA. An attractive plant that looks like a fat "wild" *T. pachanoi* as seen in Ecuador and northern Peru but without clear providence we'll leave it as 'sp'. Z9a *Inquire for cuttings*

Trichocereus sp. Torres & Torres

Dark green upright stems to 12'+ in height and 6"+ in diameter. Small, stout, amber colored spines. Unusual plant similar to *T. pachanoi* and some forms of *T. macrogonus*. Collected by archaeologist Manuel Torres & his wife Donna in the arid northern part of central Chile, near 9400'. Z9a

5–6"+ cutting \$17.50

Trichocereus Hybrids

Our *Trichocereus* bloom profusely every year. This has gifted us the opportunity to experiment with hybridizing by hand pollination. The following seed is the result. Many of these hybrids are completely new, never existing before in nature or horticulture! These offerings present a unique situation where you can play an important role by fostering a bit of horticultural history. Undoubtedly these hybrids will give rise to exceptional and desirable new variation in stem and spine form, flower color and scent, fruit size and sweetness, hardness, rate of growth, etc. The first name listed for the hybrids is the mother plant that bore the fruit. See elsewhere in the catalog for most individual parent plant descriptions.

We have bulk/wholesale quantities of many of these seeds, please inquire.

Clustering Hybrid Seed

The following *Trichocereus* hybrids have clustering or clumping growth habits, to 1–4'. The parents are cold tolerant and do excellent outdoors here in northern California. They are very prolific bloomers, dazzling us with a spectacular show of multicolored flowers each summer. Some years the flower count has reached into the hundreds! Seed packets contain between 40–80+ seed. Most should be Z7b–8b **Seed packets are \$4 each**

Trichocereus clumping hybrid Mixed Seed - 0.25 gram (aprox. 4–500 seed) \$12

Trichocereus andalgalensis X Trichocereus grandiflorus v. crassicaulis Round balls with golden yellow spines, the flowers are a shocking orange.

Trichocereus andalgalensis X Trichocereus 'Peppermint Dreams'

Trichocereus andalgalensis X Trichocereus 'Ruby Visions'

Trichocereus bruchii X Trichocereus 'Dusty Rose'

Trichocereus grandiflorus X Trichocereus orurensis 0.25 gram (aprox. 500 seed) \$14

Trichocereus grandiflorus v. crassicaulis X Trichocereus andalgalensis

Trichocereus grandiflorus X Trichocereus 'Peppermint Dreams'

Trichocereus lobivoides X Trichocereus orurensis - 0.25 gram (aprox. 500 seed) \$14

Trichocereus purpureominiata X Trichocereus 'Peppermint Dreams'

Dwarf, red flowered *T. purpureominiata* crossed with pink/white flowered. 'Peppermint Dreams'

Trichocereus shaferi X Trichocereus purpureominiata *T. shaferi* – a white flowered Argentina native to 2' tall, crossed with *T. purpureominiata*.

Trichocereus shaferi DJF295 X Trichocereus orurensis 0.25 g (aprox. 500 seed) \$14–Large form of *T. shaferi* to 4', wedded to purple flowered *T. orurensis*.

Trichocereus shaferi X Trichocereus 'Peppermint Dreams'

Trichocereus shaferi X Echinopsis eyreisii

Trichocereus shaferi X Echinopsis subdenudata

Trichocereus smrziianus X Trichocereus andalgalensis *T. smrziianus*–white flowered native to Argentina, wed to the golden *T. andalgalensis*.

Trichocereus smrziianus X Trichocereus 'Ruby Visions'

Trichocereus 'Curly Red' X Trichocereus candicans

T. 'Curly Red'– unusual red-orange flowers whose petals curl inward. Bred to *T. candicans*–Argentina, fat stems, scented white flowers with red sepals.

Trichocereus 'Daemonomania' X Trichocereus 'Dusty Rose' - 0.25 g (aprox. 500 seed) \$14 – *T. 'Daemonomania'*– a *T. bruchii* hybrid, named after John Crowley's wondrously potent novel, which in some ways evokes this impressive cactus. Clustering 6" diameter stems to 3' tall covered in tortuous yellow spines to 2.5". Brilliant orange flowers, delicious fruit. Crossed with 'Dusty Rose'– a multiple hybrid with pale rose-orange flowers.

Trichocereus 'Daemonomania' X Trichocereus 'Magenta Starlight'

Trichocereus 'Daemonomania' X Trichocereus 'Peppermint Dreams'

Trichocereus 'Dusty Rose' X Trichocereus bruchii

Trichocereus 'Glorious' X Trichocereus 'Ruby Visions'

Trichocereus 'Pale Rose' X Trichocereus 'Spiny Yellow'

T. 'Pale Rose'– hybrid, light rose flowers. Impregnated by 'Spiny Yellow'– a clumping hybrid with 1"+ gray brown spines and large golden yellow flowers.

Trichocereus 'Peppermint Dreams' X Trichocereus 'Daemonomania'

Trichocereus 'Pink Sunset' X Trichocereus 'Curly Red'

Trichocereus 'Ruby Visions' X Trichocereus bruchii *T. 'Ruby Visions'* – a hybrid with deep purple flowers. Mated with *T. bruchii*.

Trichocereus 'Ruby Visions' X Trichocereus 'Daemonomania'

Trichocereus sp. SS04 X Trichocereus bruchii SS04 is a peruvianoid close to *T. chalaensis*, crossed with the barrel cactus *T. bruchii*.

Trichocereus 'Voluptuous' X Trichocereus huascha v. macranthus

Trichocereus 'Voluptuous'– multiple hybrid with fantastic large flowers; several shades of pink. Mated with the yellow flowered *T. huascha v. macranthus*.

San Pedro Hybrid Seed

Some of our most popular hybrids. All of these crosses are upright, columnar "San Pedro" type *Trichocereus*. The offspring display promising vigorous growth. 30–70 seed per packet. Inquire for bulk amounts. Z9a **Seed packets are \$4.50**

Trichocereus bertramianus X Trichocereus sp. SS02

Trichocereus bruchii/SS04 X Trichocereus 'Dusty Rose'/terscheckii

Trichocereus huanucoensis X *Trichocereus*?? - open pollinated
Trichocereus huanucoensis X *Trichocereus pachanoi* 200 seed \$10
~~*Trichocereus huanucoensis* X *Trichocereus peruvianus* 'Serra Blue'~~
Trichocereus huanucoensis X *Trichocereus peruvianus*/ 'Juul's Giant' hybrid
Trichocereus huanucoensis X *Trichocereus* sp. BBG?
Trichocereus huanucoensis X *Trichocereus* sp. SS02
~~*Trichocereus pachanoi* X *Trichocereus bridgesii*~~
Trichocereus pachanoi X *Trichocereus chalaensis*
Trichocereus pachanoi Kimmach et al. 2876D X *Trichocereus chiloensis*
Trichocereus pachanoi X *Trichocereus huanucoensis*
Trichocereus pachanoi OST90641 X *Trichocereus* sp. BBG
~~*Trichocereus pachanoi* Kimmach et al. 2876D X *Trichocereus* sp. 'Juul's Giant'~~
Trichocereus pachanoi X *Trichocereus* sp. 'Kimura's Spiny Giant' 200 seed \$10 *T. pachanoi* mated with 'Kimura's Spiny Giant' which has 6-7" thick stems, abundant spines up to 2", possibly a *T. peruvianus*/*T. terscheckii* hybrid.
Trichocereus pachanoi X *Trichocereus* sp. 'Luther Burbank'
Trichocereus pachanoi X *Trichocereus* sp. SS01
Trichocereus pachanoi X *Trichocereus* sp. SS02 200 seed \$10
Trichocereus pachanoi/Juul's Giant X *Trichocereus peruvianus*
Trichocereus pachanoi/Juul's Giant X *Trichocereus peruvianus*/Juul's Giant
~~*Trichocereus pachanoi*/Juul's Giant X *Trichocereus* sp. SS01~~
Trichocereus pachanoi/peruvianus RM96 X *Trichocereus pallarensis*
~~*Trichocereus pallarensis* X *Trichocereus bridgesii*~~
Trichocereus pallarensis X *Trichocereus peruvianus*
Trichocereus pallarensis X *Trichocereus* sp. BBG?
Trichocereus pallarensis X *Trichocereus* sp. 'Juul's Giant'
Trichocereus pallarensis X *Trichocereus* sp. 'Kimura's Spiny Giant'
Trichocereus pallarensis X *Trichocereus* sp. SS02
Trichocereus peruvianus X *Trichocereus huanucoensis* 200 seed \$10
Trichocereus peruvianus 'Serra Blue' X *Trichocereus pachanoi* OST90641
Trichocereus peruvianus 'Serra Blue' X *Trichocereus* sp. BBG?
~~*Trichocereus peruvianus* 'Serra Blue' X *Trichocereus* sp. SS02~~
~~*Trichocereus peruvianus*/'Juul's Giant' F2~~
Trichocereus peruvianus/'Juul's Giant' X *Trichocereus pachanoi* Kimmach et al. 2876D
Trichocereus peruvianus/'Juul's Giant' X *Trichocereus pachanoi* OST90641
Trichocereus sp. BBG? X *Trichocereus pachanoi* OST90641
Trichocereus sp. BBG? X *Trichocereus pachanoi*/'Juul's Giant'
Trichocereus sp. BBG? X *Trichocereus peruvianus*
Trichocereus sp. BBG? X *Trichocereus* sp. 'Luther Burbank'
Trichocereus 'Dusty Rose'/*terscheckii* X *Trichocereus bruchii*/SS04
Trichocereus sp. 'Juul's Giant' X *Trichocereus pachanoi*/peruvianus RM96
~~*Trichocereus* sp. 'Juul's Giant'/SS01 hybrid X *Trichocereus* sp. 'Juul's Giant'~~
Trichocereus sp. 'Kimura's Spiny Giant' X *Trichocereus* sp. SS02
Trichocereus sp. 'Los Banos' X *Trichocereus pallarensis* - 'Los Banos', a spiny, upright, bluish peruvianoid crossed with the pachanoid *T. pallarensis*.
Trichocereus sp. 'Luther Burbank' X *Trichocereus* sp. BBG?
Trichocereus sp. SS01 X *Trichocereus pachanoi*
Trichocereus sp. SS01 X *Trichocereus* sp. BBG?
Trichocereus sp. SS01 X *Trichocereus* SS02/pachanoi
Trichocereus sp. SS02 X *Trichocereus huanucoensis*
Trichocereus sp. SS02 X *Trichocereus pachanoi*
Trichocereus sp. SS02 X *Trichocereus peruvianus* BBG
Trichocereus sp. SS02 X *Trichocereus peruvianus* 'Serra Blue' 200 seed \$10
Trichocereus sp. SS02 X *Trichocereus* sp. BBG?
Trichocereus sp. 'Tammy' X *Trichocereus pachanoi*

Rare & Mutant *Trichocereus* Hybrids – Seed packets of the following are \$5.50 each

Trichocereus grandiflorus X *Trichocereus pallarensis*
Trichocereus huascha X *Trichocereus pallarensis*
Trichocereus pachanoi X *Trichocereus pachanoi* f. *monstrosus*
Trichocereus pachanoi Kimmach et al. 2876D X *Trichocereus pachanoi* f. *monstrosus*
Trichocereus pachanoi X *Trichocereus pasacana* 'Dawson's'
Trichocereus pachanoi/'Juul's Giant' X *Echinopsis eyriesii*
Trichocereus pachanoi f. *monstrosus* X *Trichocereus pallarensis*
Trichocereus pachanoi f. *monstrosus* X *Trichocereus* sp. 'Juul's Giant'
Trichocereus pallarensis X *Trichocereus pachanoi* BK08611.4
Trichocereus pallarensis X *Trichocereus pachanoi* f. *monstrosus*
Trichocereus pallarensis hybrid X *Tricho. pachanoi* f. *monstrosus* - *T. pallarensis* hybrid (*T. knuthianus* the father??) crossed with mutant San Pedro.
Trichocereus peruvianus 'Serra Blue' X *Trichocereus pachanoi* f. *monstrosus*
Trichocereus peruvianus/'Juul's Giant' X *Trichocereus pachanoi* f. *monstrosus*
Trichocereus sp. 'Juul's Giant' X *Trichocereus huanucoensis*
Trichocereus sp. 'Juul's Giant' X *Trichocereus* sp. 'Kimura's Giant'
Trichocereus sp. nova? BK151013.5 X *Trichocereus* 'Daemonomania'
Trichocereus 'Ruby Visions'/*terscheckii* X *Trichocereus* sp. nova? BK151013.5

Misc. Rare *Trichocereus* Hybrids – Priced as marked

Trichocereus huanucoensis X *Trichocereus scopulicola* /bridgesii - 10 seed \$4.50
Trichocereus pachanoi Kimmach et al. 2876D X *Trichocereus santaensis* BK09511.7 - 10 seed \$4.50
Trichocereus pachanoi f. *monstrosus* X *Trichocereus peruvianus* /'Juul's Giant' f. *monstrosus* - 10 seed \$4.50
Trichocereus pachanoi f. *monstrosus* X *Trichocereus scopulicola* /bridgesii - 10 seed \$4.50
Trichocereus peruvianus /'Juul's Giant' f. *monstrosus* X *Trichocereus riomizquensis* BK10508.7 - 10 seed \$4.50
Trichocereus santaensis BK09511.7 X *Trichocereus peruvianus* /'Juul's Giant' f. *monstrosus* - 10 seed \$4.50
Trichocereus sp. 'Juul's Giant' X *Echinopsis subdenudata* - 10 seed \$4.50
Trichocereus sp. 'Juul's Giant' X *Trichocereus pachanoi* f. *monstrosus* - Seed packet \$6.50
Trichocereus sp. 'Juul's Giant' X *Trichocereus peruvianus* /'Juul's Giant' f. *monstrosus* - Seed packet \$6.50
Trichocereus sp. 'Juul's Giant' X *Trichocereus peruvianus* /'Juul's Giant' f. *monstrosus* - Seed packet \$6.50
~~*Trichocereus* sp. 'Juul's Giant' X *Trichocereus santaensis* BK09511.7 - Seed packet \$6.50~~

~ *Trichocereus* Hybrid Plants ~

***Trichocereus crassiarboreus* X *Trichocereus pachanoi* OST90641**

Our *T. crassiarboreus* mothers were grown from European seed stock-- an obscure plant, supposedly a synonym for *Weberbauerocereus cuzcoensis*, but our plants look intermediate to *T. pachanoi* and *cuzcoensis*. Crossed with Ostaloza's robust wild *pachanoi*. New hybrid of promise.

3–5" plant 2–3 years old \$16.50

***Trichocereus* aff. *herzogianus* X *Trichocereus pachanoi* BBG?**

A totally cool new hybrid. An unconfirmed *T. herzogianus* we've had for years—colossal pale green stems to 10"+ thick and 6'+ tall with almost tuberculate ribs, needle-spines up to 3" and cream colored, funnel-form diurnal flowers: the back of the outer petals have a pink midstripe, pink to red-brown/green sepals—crossed with the large flowered *pachanoi* clone from BBG. Very robust handsome seedlings. First offer. Z8?

3–4"+ plant 3 years old \$18.50

Trichocereus pachanoi* Kimmach et al. 2876D X *Trichocereus chiloensis

First offering of this admirable new hybrid. Crosses with *chiloensis* are revealing themselves to be some of our favorite hybrids. Chunky seedlings. Z9a

2–3"+ plant 2–3 years old \$16.50

***Trichocereus pachanoi* X *Trichocereus pasacana* 'Dawsons'**

Very cool new hybrid of San Pedro with the giant *T. pasacana*—so far the seedlings show a wonderful diversity of unique spination and form. A "must have" hybrid for any devoted collector. Z8/9?

2"+ plant 3 years old \$16.50 or two for \$30

Trichocereus pachanoi* f. *monstrosus* X *Trichocereus bridgesii

A solid hybrid of these two beloved species. A nice intermediate of both, about 5% show mutant growth so far and more are sure to do so with age.

2–4"+ plant 2–3 years old \$16.50

***Trichocereus peruvianus* 'Osmo' X *Trichocereus bridgesii* 'Reynolds'**

Gorgeous new hybrid with blue stems and long reddish to blackish spines. The spination on these really stands out!

inquire

Trichocereus peruvianus* X *Trichocereus* sp. 'Juul's Giant' hybrid f. *monstrosus

In 1996 we sowed 1000+ seed of this great hybrid. One seedling grew to be a real jewel, with fat blue-green mutant stems with 8–16 ribs and occasionally thick fans of cristate growth. The blossoms on this clone are extra large and also mutant, with many extra sepals and petals!

4–6" cutting \$18.50

Trichocereus peruvianus* X *Trichocereus* sp. 'Juul's Giant' hybrid f. *cristata

Same clone as above, these are rooted cuts of beautiful thick fans of blue-green cristate growth with 1/2" spines.

3" rooted cutting \$18.50

Trichocereus shaferi* X *Echinopsis subdenudata

New hybrid, should produce interesting tiny spined, clustering plants. The clumping *T. shaferi* crossed with the diminutive spineless *E. subdenudata* (*E. inermis*). So far the seedlings look like small *Echinopsis*. First offering. Z8/9?

1–2"+ plant 2–3 years old \$12.50

Sacred Succulents P.O. Box 781, Sebastopol, CA 95473 USA
www.sacredsucculents.com ~ sacredsucculents@hushmail.com

Ordering Information

We do not ship plants outside the U.S., but seed orders are welcome. Plants are sent bare root unless requested otherwise. If you would like your plants shipped potted add \$1.00 extra per plant ordered (cuttings and Tricho. over 6" cannot be shipped potted.) We try to process and ship your order within 1–2 weeks of receiving it. If you do not receive your order within 4–6 weeks of sending it, please drop us a line—USPS is not infallible.

Shipping and Handling

Seeds—First class mail USA \$4.00; Email for current international rates

Plants (USA only)—

First class priority mail= \$10 for the first plant \$2 each additional plant.

***Plants** marked with a single asterisk are large, heavy and have special shipping charges = \$16.00 for the first plant \$2 each additional plant.

****Plants** marked with double asterisk are extra large and/or heavy. We charge the actual USPS postage cost plus an \$6 handling fee on the total order—email us.

Seeds ride free when ordered with plants.

Checks may take several weeks to clear; use money orders or cash for quicker service. No credit cards or Paypal.

California residents add 7.25% sales tax. Sonoma County 8%

You can print out an order form- <http://www.sacredsucculents.com/order-form/>