



# Seed List – Fall/Winter 2016/2017

CACTUS-NURSERY.EU

Last update 7. 10. 2016

We send seeds to all countries on the world, any permits are not usually necessary. Plants can be sent to EU countries only, we do not use any export permits or phytosanitary certificates. Be familiar with your important regulations and give us instructions.

All of our packets are sent as registered letters or parcels with a major priority from the Czech Republic (EU). The usual duration of postal delivery is from 4 (EU) to 14 days (the rest of the world). If you want to send your delivery as a unregistered letter please notice that, the postage will be much lesser than listed below, but we can not be responsible if the parcel gets lost. See below the schedules of postage:

## **EU countries (seeds - recorded delivery incl. tracking number):**

*Note: This postage schedule is also valid for **other european countries**.*

| Order amount  | Postage |
|---------------|---------|
| € 0 – 25 €    | € 3.75  |
| € 25 – 50 €   | € 4.50  |
| € 50 – 100 €  | € 5.50  |
| € 100 – 200 € | € 6.50  |
| € > 200 €     | € 8.00  |

## **Other Countries (seeds - recorded delivery incl. tracking number):**

*Note: This postage schedule is valid for overseas customers and **non-european countries**.*

| Order amount  | Postage |
|---------------|---------|
| € 0 – 25 €    | € 4.50  |
| € 25 – 50 €   | € 5.25  |
| € 50 – 100 €  | € 6.25  |
| € 100 – 200 € | € 7.50  |
| € > 200 €     | € 9.50  |

## **Payment**

For the easiest and quick way please use PayPal or he pay the e-invoice by your credit card (secured and safe system – details will be sent with the final invoice). For those who don't use a credit card, the other way is to send the payment by post to the address below (or see the contact). We accept payments in EUR or USD. Prices of seeds and plants are given in EUR (€). At any case please wait until we send you a confirmation of your order and

other details of the payment. If you choose the payment via the PayPal system, since 2016 we add 2.5% of the total amount to the final price. This is caused by increasing the fees for the incoming payments. To be fair we have decided to share those fees. Another part of the incoming fees (~ 2.5%) will be paid by us. *This statement is not valid for those who want to send the payment by post or by bank transfer.*

### **Rules for complaints and claims**

Every ordering customer acknowledges and agrees with the complaint/claim rules (see the rules [here](#)). Every order received by us in electronic or written form are considered mandatory and agreed by the customer when sent to us. The customer shall be familiarised with the Cactus-Nursery.eu rules for complaints and claims automatically when sending the order. Please note that if you want to claim the order (for example in case of the shipment damage) please do not open a PayPal dispute and contact is directly. The PayPal dispute complicates the solution of the problem and hence it is easier for us to communicate directly with you. We will do our best to fix any possible problems and questions.

### **Ordering:**

Please order the items from low to high catalogue numbers. If possible, use catalogue numbers only and specify the type of portion you order (pkt, 100x, 500x etc.). Please choose and note the currency you want to pay in (CZK, EUR, USD or other). Send the orders to our email **cactus@cactus-nursery.eu** or by post to **Martin Svidrnoch, Prihlavky 456, CZ-74766, Dolni Lhota, Czech Republic**. Thank you for your orders!

### **Discounts:**

Price of the order (seeds only, excluding postage)

> € 50 = 3%

> € 100 = 4%

> € 250 = 6%

> € 500 = 8%

### **Field numbers**

Almost each of the listed seeds are from plants with known botanical origin and have a exact field number of the collector such as: JN – Jan Novák (CZ), SB – Steven Brack (USA), DJF – David Ferguson (USA), PP – Pavel Pavlíček (CZ), JO – Josef Odehnal (CZ), KK – Karel Kníže (Peru), RP – Ralph Peters (USA), ZJ – Zlatko Janeba (CZ), CH – Jaroslav Chvastek (CZ). For any other complementary information please visit number queries – <http://ralph.cs.cf.ac.uk/cacti/fieldno.html> or <http://cludwigfr.dyndns.org/>

**GERMINATION ENHANCER KIT 25 mL** (see [http://www.cactus-nursery.eu/germination\\_enhancer.pdf](http://www.cactus-nursery.eu/germination_enhancer.pdf) for more details)

1 KT € 14.99

If you order the kit together with your seed order:

1 KT € 9.99

## **SEED LIST 2016/2017:**

| Code   | Genus           | Species (var./f.) | Field number | Locality data                                     | # Seeds | Price € |
|--------|-----------------|-------------------|--------------|---|---------|---------|
| 31     | Airampoia       | corrugata         | KP 1310      | El Infernillo, 2963 m , Tucuman                   | 10      | 0,4     |
| 32     | Airampoia       | soehrensii        | JN 1197      | under Abra Blanca, Salta, Arg. 4040m              | 10      | 1       |
| 33     | Airampoia       | soehrensii        | JN 1191      | Las Cuevas, Salta, Arg. 3208m                     | 10      | 0,8     |
| 34     | Airampoia       | soehrensii        | JN 1184      | Quebrada Lentiga, Salta, Arg. 2577m               | 10      | 0,8     |
| SV0031 | Ancistrocactus  | uncinatus         | SB718        | San Roberto, NL, dark brown flower                | 20      | 0,4     |
| SV0032 | Ancistrocactus  | uncinatus         | SB718        | San Roberto, NL, dark brown flower                | 50      | 1       |
| SV0028 | Ancistrocactus  | uncinatus         | DJF615       | Catorce, SLP, flabby stem, black fl               | 20      | 0,4     |
| SV0029 | Ancistrocactus  | uncinatus         | DJF615       | Catorce, SLP, flabby stem, black fl               | 50      | 1       |
| SV0702 | Ancistrocactus  | wrightii          | JRT4311      | Glass Mts, TX, new spines red                     | 20      | 0,4     |
| SV0703 | Ancistrocactus  | wrightii          | JRT4311      | Glass Mts, TX, new spines red                     | 50      | 1       |
| 20     | Acanthocalycium | aff. violaceum    | JN 600       | pueblo San José de la Dormida, Córdoba, Arg. 487m | 20      | 0,4     |
| 1      | Acanthocalycium | catamarcense      | JN 76        | Santa María, Tucuman, Arg. 1970 m                 | 20      | 0,4     |
| 2      | Acanthocalycium | catamarcense      | JN 532       | pueblo San José, Catamarca, Arg. 1957m            | 20      | 0,4     |
| 2,1    | Acanthocalycium | catamarcense      | JN 532       | pueblo San José, Catamarca, Arg. 1957m            | 100     | 1,4     |
| 3      | Acanthocalycium | catamarcense      | JN 1156      | before Santa María, Catamarca, Arg. 1950m         | 20      | 0,4     |
| 3,1    | Acanthocalycium | catamarcense      | JN 1156      | before Santa María, Catamarca, Arg. 1950m         | 100     | 1,4     |
| SV0864 | Acanthocalycium | catamarcense      | KA 16/89B    | Cafayate - Belen, Cat.                            | 20      | 0,32    |
| 4      | Acanthocalycium | brevispinum       | JN 90        | za La Viñita, Salta, Arg. 1685m                   | 20      | 0,4     |
| 4,1    | Acanthocalycium | brevispinum       | JN 90        | za La Viñita, Salta, Arg. 1685m                   | 100     | 1,4     |
| 5      | Acanthocalycium | brevispinum       | JN 1165      | La Viñita, Salta, Arg. 1676m                      | 20      | 0,4     |
| 6      | Acanthocalycium | brevispinum       | JN 93        | Tolombón, Salta, Arg. 1642m                       | 20      | 0,4     |
| 6,1    | Acanthocalycium | brevispinum       | JN 93        | Tolombón, Salta, Arg. 1642m                       | 100     | 1,4     |
| 7      | Acanthocalycium | brevispinum       | JN 544       | Tolombón, Salta, Arg. 1649m                       | 20      | 0,4     |
| 7,1    | Acanthocalycium | brevispinum       | JN 544       | Tolombón, Salta, Arg. 1649m                       | 100     | 1,4     |
| 8      | Acanthocalycium | brevispinum       | JN 1167      | Tolombón, Salta, Arg. 1650m                       | 20      | 0,4     |

|        |                 |                           |           |  |     |      |
|--------|-----------------|---------------------------|-----------|--|-----|------|
| 9      | Acatocalycium   | brevispinum               | JN 543    | La Viñita, Salta, Arg. 1679m                     | 20  | 0,4  |
| 9,1    | Acatocalycium   | brevispinum               | JN 543    | La Viñita, Salta, Arg. 1679m                     | 100 | 1,4  |
| 10     | Acatocalycium   | brevispinum               | JN 586    | La Yesera, Salta, Arg. 1500m                     | 20  | 0,4  |
| 10,1   | Acatocalycium   | brevispinum               | JN 586    | La Yesera, Salta, Arg. 1500m                     | 100 | 1,4  |
| 11     | Acatocalycium   | brevispinum               | JN 590    | Animána, Salta, Arg. 1575m                       | 20  | 0,4  |
| 11,1   | Acatocalycium   | brevispinum               | JN 590    | Animána, Salta, Arg. 1575m                       | 100 | 1,4  |
| 12     | Acatocalycium   | brevispinum               | JN 1171   | Punilla, Salta, Arg. 1568m                       | 20  | 0,4  |
| SV0845 | Acanthocalycium | brevispinum               | KA 16/51  | Tolombon, Tuc.                                   | 20  | 0,32 |
| 22     | Acatocalycium   | glaucum                   | JN 525    | San Fernando, Catamarca, Arg. 1606m              | 20  | 0,56 |
| 23     | Acatocalycium   | glaucum                   | JN 529    | El Eje, Catamarca, Arg. 1708m                    | 20  | 0,56 |
| 24     | Acatocalycium   | glaucum                   | JN 1145   | Rio Belen, Catamarca, Arg. 1613m                 | 20  | 0,56 |
| 13     | Acatocalycium   | chionanthum               | JN 96     | San Carlos -> Angastaco, Salta, Arg. 1688m       | 20  | 0,4  |
| 13,1   | Acatocalycium   | chionanthum               | JN 96     | San Carlos -> Angastaco, Salta, Arg. 1688m       | 100 | 1,4  |
| 14     | Acatocalycium   | chionanthum               | JN 103    | La Cabaña, Salta, Arg. 1922 m                    | 20  | 0,4  |
| 14,1   | Acatocalycium   | chionanthum               | JN 103    | La Cabaña, Salta, Arg. 1922 m                    | 100 | 1,4  |
| 15     | Acatocalycium   | chionanthum               | JN 545    | El Deserenador, Salta, Arg. 1695m                | 20  | 0,4  |
| 16     | Acatocalycium   | chionanthum               | JN 548    | 1km behind San Rafael city, Salta, Arg. 1699m    | 20  | 0,4  |
| 16,1   | Acatocalycium   | chionanthum               | JN 548    | 1km behind San Rafael city, Salta, Arg. 1699m    | 100 | 1,4  |
| 17     | Acatocalycium   | chionanthum               | JN 551    | Corte la Flecha, Salta, Arg. 1939m               | 20  | 0,4  |
| 18     | Acatocalycium   | chionanthum               | JN 553    | La Angostura, Salta, Arg. 1993m                  | 20  | 0,4  |
| SV0848 | Acanthocalycium | chionanthum " griseum "   | KA 16/53  | Corralito - San Carlos, Salta                    | 20  | 0,32 |
| SV0854 | Acanthocalycium | chionanthum f. albispinum | KA 16/62  | Las Torres směr Molinos, Salta                   | 20  | 0,32 |
| SV0850 | Acantocalycium  | chionanthum " griseum "   | KA 16/54A | před mostem La Punilla, Salta                    | 20  | 0,32 |
| 25     | Acatocalycium   | thionanthum               | JN 588    | Natur Monument El Obelisco, Salta, Arg. 1523m    | 20  | 0,48 |
| 26     | Acatocalycium   | thionanthum               | JN 1173   | El Obelisco, Salta, Arg. 1533m                   | 20  | 0,4  |
| 27     | Acatocalycium   | thionanthum               | JN 1161   | Quilmes, Tucuman, Arg. 1810m                     | 20  | 0,4  |
| 28     | Acatocalycium   | thionanthum               | JN 87     | Amaicha del Valle -> Cafayate, Salta, Arg. 1810m | 20  | 0,4  |
| 28,1   | Acatocalycium   | thionanthum               | JN 87     | Amaicha del Valle -> Cafayate, Salta, Arg. 1810m | 100 | 1,4  |
| 29     | Acatocalycium   | thionanthum               | JN 535    | Valle de Yokavil, Catamarca, Arg. 1931m          | 20  | 0,4  |
| 30     | Acatocalycium   | thionanthum               | JN 555    | Saclantes, Salta, Arg. 2150m                     | 20  | 0,6  |
| SV0835 | Acanthocalcium  | thionanthum               | KA 16/48B | Amaicha - Ruinas del Quilmes, Tuc.               | 20  | 0,32 |
| SV0833 | Acanthocalycium | thionanthum               | KA 16/47B | nad Aimacha del Valle, Tuc.                      | 20  | 0,32 |
| SV0838 | Acantocalycium  | thionanthum               | KA 16/49B | Ruinas del Quilmes, Tuc.                         | 20  | 0,32 |

|        |                 |   |          |   |     |      |
|--------|-----------------|---|----------|---|-----|------|
| SV0862 | Acanthocalycium | thionanthum - catamarcense  | KA 16/85 | 20 km před Cachi, Salta                       | 20  | 0,32 |
| 19     | Aacathocalycium | species   | JN 156   | před San José Dormida, Córdoba, Arg. 493m     | 20  | 0,4  |
| 19,1   | Aacathocalycium | species   | JN 156   | před San José Dormida, Córdoba, Arg. 493m     | 100 | 1,4  |
| 55     | Arequipa        | rettigii  | KK 1129  | Cerro Verde, Peru 1500-2000m                  | 10  | 0,8  |
| 49     | Ariocarpus      | retusus ssp. elongatus  | BKM 953  | Entronque Huizache, SLP                       | 10  | 0,8  |
| SV0744 | Ariocarpus      | agavoides   | RS 602   | Tula, TAM.,                                   | 10  | 1,12 |
| SV0745 | Ariocarpus      | agavoides   | MZ 220   | Tula, TAM.,                                   | 10  | 1,12 |
| 43     | Ariocarpus      | confusus  | BKM 819  | E of Dolores, NL, 1174m                       | 10  | 1,2  |
| 44     | Ariocarpus      | fissuratus  | BKM 850  | 8km W of Ocampo, Coahuila, 1485m              | 10  | 0,72 |
| SV0511 | Ariocarpus      | fissuratus  | MZ 1297  | Boquillas del Carmen, Coah. (c)               | 10  | 1    |
| SV0512 | Ariocarpus      | fissuratus  | RS 420   | Cuatro Cienegas, Coah.                        | 10  | 1    |
| SV0746 | Ariocarpus      | fissuratus  | RS 581A  | El Hundido, COAH.,                            | 10  | 1    |
| SV0747 | Ariocarpus      | fissuratus  | RS 1255  | Nuevo Yucatán, Paila                          | 10  | 1,12 |
| SV0748 | Ariocarpus      | kotschoubeyanus var. Albiflorus   | RS 603   | Tula, TAM.,                                   | 10  | 1,2  |
| SV0749 | Ariocarpus      | kotschoubeyanus var. Albiflorus   | MZ 218   | Tula, TAM.,                                   | 10  | 1,2  |
| 47     | Ariocarpus      | retusus   | SB 68    | Coronel, SLP                                  | 10  | 0,72 |
| 48     | Ariocarpus      | retusus   | BKM 913  | San Jose de Carbonerillas , Zacatecas         | 10  | 0,72 |
| 50     | Ariocarpus      | retusus ssp. furfuraceus  | CSD 157  | La Ascension, NL                              | 10  | 0,6  |
| 51     | Ariocarpus      | retusus ssp. minimus  | PP 569   | Ejido Nuncio, NL                              | 10  | 0,6  |
| 52     | Ariocarpus      | retusus ssp. minimus  | BKM 835  | San Rafael de Galeana / KM 3,5 / , Nuevo Leon | 10  | 0,72 |
| SV0750 | Ariocarpus      | retusus var. Furfuraceus  | RS 094   | Huasteca Can. NL.,                            | 10  | 1,12 |
| SV0751 | Ariocarpus      | trigonus, Jaumave   | RS 662   | sever, TAM.                                   | 10  | 0,88 |
| SV0752 | Ariocarpus      | trigonus, Jaumave   | MZ 810   | TAM.,   | 10  | 0,88 |
| 132    | Armatocereus    | balsaensis  | KK 2153  | Balsas, 1600m, Peru                           | 20  | 0,4  |
| SV0008 | Astrophytum     | capricorne v. minor   | SB 323   | Saltillo, Coahuila                            | 20  | 0,4  |
| SN0666 | Astrophytum     | capricorne var. minor   |          | Hipolito, Coah, very dense black spines       | 25  | 0,48 |
| 59     | Austrocactus    | aff. coxii – soliter plants, pink flower – winter resistant                               | JN 1392  | Rio Senquer, Chubut, Arg. 438 m               | 10  | 2    |
| 58     | Austrocactus    | aff. coxii – soliter plants, pink flower – winter resistant (like trichocereus candicans) | JN 1391  | Rio Mayo, Chubut, Arg. 528m                   | 10  | 2    |
| 57     | Austrocactus    | aff. dusenii robust plants, hard spiny multicolor LUXUS!                                  | JN 940   | before Malaspina, Chubut, Arg. 252m           | 10  | 1,12 |
| 61     | Austrocactus    | bertinii  | JN 399   | El Mangrillo, Neuquen, Arg. 456m              | 10  | 1    |

|      |              |   |         |  |     |      |
|------|--------------|---|---------|--|-----|------|
| 62   | Austrocactus | bertinii  | JN 9    | Las Balderas I, Neuquen, Arg. 275m             | 10  | 1    |
| 66,1 | Austrocactus | bertinii  | JN 923  | Gaiman-estancia YPF, Chubut, Arg. 21m          | 100 | 7,96 |
| 67,1 | Austrocactus | bertinii  | JN 1377 | Gaiman YPF, Chubut, Arg. 19m                   | 100 | 7,96 |
| 68   | Austrocactus | bertinii  | JN 925  | Gaiman-Trelew, Chubut, Arg. 42m                | 10  | 1    |
| 68,1 | Austrocactus | bertinii  | JN 925  | Gaiman-Trelew, Chubut, Arg. 42m                | 100 | 7,96 |
| 70   | Austrocactus | bertinii  | JN 930  | Santa Elena -> Camarones, Chubut, Arg. 4m      | 10  | 1    |
| 75,1 | Austrocactus | bertinii  | JN 938  | Bahia Bustamante -> ruta 3, Chubut, Arg. 256m  | 100 | 7,96 |
| 76   | Austrocactus | bertinii  | JN 941  | Cañadon Seco, Santa Cruz, Arg. 179m            | 10  | 1,4  |
| 77,1 | Austrocactus | bertinii  | JN 949  | avenida Argentina, Neuquen, Arg. 299m          | 100 | 7,96 |
| 78,1 | Austrocactus | bertinii  | JN 951  | before Lago Pelegrinii, Neuquen, Arg. 311m     | 100 | 7,96 |
| 79   | Austrocactus | bertinii  | JN 1077 | W of Trelew, Chubut, Arg. 45m                  | 10  | 1    |
| 79,1 | Austrocactus | bertinii  | JN 1077 | W of Trelew, Chubut, Arg. 45m                  | 100 | 7,96 |
| 80   | Austrocactus | bertinii  | JN 1078 | Punto Panoramico Gaiman, Chubut, Arg. 22m      | 10  | 1    |
| 80,1 | Austrocactus | bertinii  | JN 1078 | Punto Panoramico Gaiman, Chubut, Arg. 22m      | 100 | 7,96 |
| 81   | Austrocactus | bertinii  | JN 1079 | Sierra Chata, Chubut, Arg. 140m                | 10  | 1    |
| 82   | Austrocactus | bertinii  | JN 5    | before Neuquen, Neuquen, Arg. 228m             | 10  | 1    |
| 60   | Austrocactus | bertinii  | JN 6    | El Chocon, Neuquen, Arg. 454m                  | 10  | 1    |
| 64   | Austrocactus | bertinii  | JN 401  | Ciudad Neuquen, Neuquen, Arg. 304m             | 10  | 1    |
| 65,1 | Austrocactus | bertinii  | JN 918  | Sierra Chata, Chubut, Arg. 134m                | 100 | 8,8  |
| 67   | Austrocactus | bertinii  | JN 1377 | Gaiman YPF, Chubut, Arg. 19m                   | 10  | 1    |
| 69   | Austrocactus | bertinii  | JN 1378 | Trelew-Gaiman, ruta 25, Chubut, Arg. 48m       | 10  | 1    |
| 72   | Austrocactus | bertinii  | JN 1382 | TYP, Camarones, Chubut, Arg. 7m                | 10  | 1,2  |
| 74   | Austrocactus | bertinii  | JN 937  | Estancia San Miguel, Chubut, Arg. 4m           | 10  | 1    |
| 75   | Austrocactus | bertinii  | JN 938  | Bahia Bustamante -> ruta 3, Chubut, Arg. 256m  | 10  | 1    |
| 83   | Austrocactus | bertinii  | JN 1409 | Ranquil del Norte, Neuquen, Arg. 1467m         | 10  | 1    |
| 84   | Austrocactus | bertinii  | JN 1389 | before Pico Truncado, Santa Cruz, Arg. 183m    | 10  | 1,12 |
| 85   | Austrocactus | bertinii  | JN 1369 | La Japonessa -> Chelforo, Rio Negro, Arg. 194m | 10  | 1    |
| 77   | Austrocactus | bertinii  | JN 949  | avenida Argentina, Neuquen, Arg. 299m          | 10  | 1    |
| 86   | Austrocactus | bertinii multicolor long spiny form             | JN 1384 | Estancia La Ernesta, Chubut, Arg. 61m          | 10  | 1    |
| 63   | Austrocactus | bertinii f. giganteus                           | JN 13   | Las Balderas II (Iom), Neuquen, Arg. 260m      | 10  | 1,4  |
| 87   | Austrocactus | bertinii giant plants                           | JN 1386 | Estancia Las Mercedes, Chubut, Arg. 262m       | 10  | 1,12 |
| 71   | Austrocactus | bertinii long red spiny form (winter resistant) | JN 933  | TYP, Camarones, Chubut, Arg. 3m                | 10  | 1,12 |
| 66   | Austrocactus | bertinii multicolor spiny form 4-6cm            | JN 923  | Gaiman-estancia YPF, Chubut, Arg. 21m          | 10  | 1    |

|       |              |  |         |  |     |       |
|-------|--------------|--|---------|--|-----|-------|
| 65    | Austrocactus | bertinii red hard spiny form                       | JN 918  | Sierra Chata, Chubut, Arg. 134m                      | 10  | 1,12  |
| 78    | Austrocactus | bertinii robust plants                             | JN 951  | before Lago Pelegrinii, Neuquen, Arg. 311m           | 10  | 1     |
| 73    | Austrocactus | bertinii robust plants multicolor spiny form 5-6cm | JN 935  | Estancia El Sauce, Chubut, Arg. 55m                  | 10  | 1,12  |
| 88    | Austrocactus | bertinii very robust plants=like Echinocereus      | JN 1387 | Caleta Olivia-ruta 99, Santa Cruz, Arg. 66m          | 10  | 1,2   |
| 90    | Austrocactus | coxii  | JN 1086 | before Junin de los Andes, Neuquen, Arg. 996m        | 10  | 2     |
| 91    | Austrocactus | coxii  | JN 1087 | before Pilolil, Neuquen, Arg. 1135m                  | 10  | 2     |
| 92    | Austrocactus | coxii  | JN 1393 | La Blanca, Chubut, Arg. 653m                         | 10  | 2     |
| 93    | Austrocactus | coxii  | JN 1394 | Nueva Lubecka, Chubut, Arg. 649m                     | 10  | 2     |
| 94    | Austrocactus | coxii  | JN 1395 | before Tecka, Chubut, Arg. 797m                      | 10  | 2     |
| 95    | Austrocactus | coxii  | JN 1398 | Tropezón, Rio Negro, Neuquen, Arg. 971m              | 10  | 2     |
| 95,1  | Austrocactus | coxii  | JN 1398 | Tropezón, Rio Negro, Neuquen, Arg. 971m              | 100 | 15,96 |
| 96    | Austrocactus | coxii  | JN 1401 | before Alumine, Neuquen, Arg. 1127m                  | 10  | 2     |
| 96,1  | Austrocactus | coxii  | JN 1401 | before Alumine, Neuquen, Arg. 1127m                  | 100 | 15,96 |
| 97    | Austrocactus | coxii  | JN 1402 | Malleo, Neuquen, Arg. 1135m                          | 10  | 2     |
| 99    | Austrocactus | coxii  | JN 1404 | Arroyo La Jardineria, Neuquen, Arg. 1120m            | 10  | 2     |
| 98    | Austrocactus | coxii – mountain meadow                            | JN 1403 | 16km before Ráhue, Neuquen, Arg. 826m                | 10  | 2     |
| 100   | Austrocactus | dusenii – white/yellow/red spiny form LUXUS!!!     | JN 920  | Sierra Telsen, Chubut, 410m                          | 10  | 1,6   |
| 100,1 | Austrocactus | dusenii – white/yellow/red spiny form LUXUS!!!     | JN 920  | Sierra Telsen, Chubut, 410m                          | 100 | 13,96 |
| 101,1 | Austrocactus | dusenii - multicolor spiny form(winter resistant)  | JN 1080 | Telsen, Chubut, Arg. 405m                            | 100 | 13,96 |
| 101   | Austrocactus | dusenii-multicolor spiny form(winter resistant)    | JN 1080 | Telsen, Chubut, Arg. 405m                            | 10  | 1,6   |
| 104   | Austrocactus | ferrarii-NOVINKA!!!                                | JN 1110 | Porto Santa Clara del Abajo, Mendoza, Arg. 2759m     | 10  | 3,96  |
| 102   | Austrocactus | gracilis – winter resistant                        | JN 1397 | Dina Huapi, Rio Negro, Arg. 921m                     | 10  | 2     |
| 103   | Austrocactus | gracilis – winter resistant                        | JN 1400 | before Vega Maipu, Neuquen, Arg. 739m                | 10  | 2     |
| 105   | Austrocactus | intertextus (winter resistant)                     | JN 1082 | Mallin Grande, Chubut, Arg. 835m                     | 10  | 3,96  |
| 105,1 | Austrocactus | intertextus (winter resistant)                     | JN 1082 | Mallin Grande, Chubut, Arg. 835m                     | 50  | 13,96 |
| 106   | Austrocactus | longicarpus – new species!                         | JN 1406 | Estancia Lllamuco, Neuquen, Arg. 1130m               | 10  | 3     |
| 107   | Austrocactus | patagonicus  | JN 904  | Cinco Chañares, Rio Negro, 137m                      | 10  | 1     |
| 107,1 | Austrocactus | patagonicus  | JN 904  | Cinco Chañares, Rio Negro, 137m                      | 100 | 7,96  |
| 108   | Austrocactus | patagonicus  | JN 905  | 20km S of San Antonio de Oeste, Rio Negro, Arg. 140m | 10  | 1     |

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| 108,1 | Austrocactus | patagonicus                               | JN 905    | 20km S of San Antonio de Oeste, Rio Negro, Arg. 140m | 100 | 7,96  |
| 109   | Austrocactus | patagonicus                               | JN 907    | Mina Gonzalito, Rio Negro, Arg. 224m                 | 10  | 1     |
| 110   | Austrocactus | patagonicus                               | JN 908    | Arroyo los Berros, Rio Negro, Arg. 452m              | 10  | 1     |
| 111   | Austrocactus | patagonicus                               | JN 909    | Sierra Pailemán, Rio Negro, Arg. 502m                | 10  | 1     |
| 112   | Austrocactus | patagonicus                               | JN 910    | ruta a Arroyo de la Vantana, Rio Negro, Arg. 409m    | 10  | 1     |
| 114   | Austrocactus | patagonicus                               | JN 914    | before Sierra Grande, Rio Negro, Arg. 108m           | 10  | 1     |
| 114,1 | Austrocactus | patagonicus                               | JN 914    | before Sierra Grande, Rio Negro, Arg. 108m           | 100 | 7,96  |
| 115   | Austrocactus | patagonicus                               | JN 915    | camino a Punta Colorada, Rio Negro, Arg. 70m         | 10  | 1     |
| 115,1 | Austrocactus | patagonicus                               | JN 915    | camino a Punta Colorada, Rio Negro, Arg. 70m         | 100 | 7,96  |
| 116   | Austrocactus | patagonicus                               | JN 916    | before Playas Doradas, Rio Negro, Arg. 66m           | 10  | 1     |
| 116,1 | Austrocactus | patagonicus                               | JN 916    | before Playas Doradas, Rio Negro, Arg. 66m           | 100 | 7,96  |
| 117   | Austrocactus | patagonicus                               | JN 917    | Playas Doradas near ocean, Rio Negro, Arg. 12m       | 10  | 1     |
| 119   | Austrocactus | patagonicus                               | JN 948    | Chichinales -> Villa Regina, Rio Negro, Arg. 214m    | 10  | 1     |
| 119,1 | Austrocactus | patagonicus                               | JN 948    | Chichinales -> Villa Regina, Rio Negro, Arg. 214m    | 100 | 7,96  |
| 120   | Austrocactus | patagonicus                               | JN 605    | Villa Regina, Neuquen, Arg. 206m                     | 10  | 1     |
| 121   | Austrocactus | patagonicus                               | JN 1065   | ruta 3 a Sierra Grande, Rio Negro, Arg. 148m         | 10  | 1     |
| 121,1 | Austrocactus | patagonicus                               | JN 1065   | ruta 3 a Sierra Grande, Rio Negro, Arg. 148m         | 100 | 7,96  |
| 122   | Austrocactus | patagonicus                               | JN 1066   | before Las Grutas, Rio Negro, Arg. 152m              | 10  | 1     |
| 122,1 | Austrocactus | patagonicus                               | JN 1066   | before Las Grutas, Rio Negro, Arg. 152m              | 100 | 7,96  |
| 123   | Austrocactus | patagonicus                               | JN 1067   | camino a Playas Doradas, Rio Negro, Arg. 69m         | 10  | 1     |
| 124   | Austrocactus | patagonicus                               | JN 1073   | Playa Union, Chubut, Arg. 2m                         | 10  | 1     |
| 125   | Austrocactus | patagonicus                               | JN 1372   | Mancha Blanca, Rio Negro, Arg. 149m                  | 10  | 1     |
| 125,1 | Austrocactus | patagonicus                               | JN 1372   | Mancha Blanca, Rio Negro, Arg. 149m                  | 100 | 7,96  |
| 126   | Austrocactus | patagonicus                               | JN 1373   | Estancia Bella Vista, Rio Negro, Arg. 151m           | 10  | 1     |
| 126,1 | Austrocactus | patagonicus                               | JN 1373   | Estancia Bella Vista, Rio Negro, Arg. 151m           | 100 | 7,96  |
| 127   | Austrocactus | patagonicus                               | JPR 55-99 |  | 20  | 0,6   |
| 118   | Austrocactus | patagonicus – black spiny form            | JN 942    | camino a Punta Lobos, Chubut/Rio Negro, Arg. 122m    | 10  | 1     |
| 113   | Austrocactus | patagonicus - red spiny form              | JN 913    | Estancia El Palermo, Rio Negro, Arg. 474m            | 10  | 1     |
| 128   | Austrocactus | philiipii – winter resistant              | JN 1421   | Pampa de los Avestruses, Mendoza, Arg. 2053m         | 10  | 2,4   |
| 128,1 | Austrocactus | philiipii – winter resistant              | JN 1421   | Pampa de los Avestruses, Mendoza, Arg. 2053m         | 10  | 19,96 |
| 129   | Austrocactus | species (NE bertinii) – winter resistant! | JN 1390   | Perito Moreno, Santa Cruz, Arg. 437m                 | 10  | 1,6   |
| 130   | Austrocactus | subandinus - NEW SPECIES                  | JN 1408   | Aquienco, Neuquen, Arg. 1599m                        | 10  | 2,76  |
| 130,1 | Austrocactus | subandinus - NEW SPECIES                  | JN 1408   | Aquienco, Neuquen, Arg. 1599m                        | 100 | 21,96 |



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| 131    | Austrocactus  | subandinus - NEW SPECIES | JN 1413   | Los Molles, Mendoza, Arg. 1929m                              | 10  | 2,76  |
| 131,1  | Austrocactus  | subandinus - NEW SPECIES | JN 1413   | Los Molles, Mendoza, Arg. 1929m                              | 100 | 21,96 |
| SV0083 | Aylostera     | flavistyla               | FR 756    | Cajas, Tarija, Bolivia                                       | 20  | 0,4   |
| SV0084 | Aylostera     | gibbulosa                | KK 1563   | Rio Pilaya, Bolivia 2800m,                                   | 30  | 0,4   |
| SV0082 | Aylostera     | teresae                  | SE 227    | Tarija to Condor Pass, Bolivia 2080m                         | 20  | 0,32  |
| 133    | Azureocereus  | ayacuchensis             | KK 1064   | Ayacuchu-Pampas, 2500m Peru                                  | 20  | 0,4   |
| 136    | Blossfeldia   | lilliputana              |           |  | 20  | 0,2   |
| 137    | Blossfeldia   | lilliputana              |           |  | 100 | 0,72  |
| 142    | Cereus        | aethiops                 | JN 434    | before San Rafael city, Mendoza, Arg. 1192m                  | 30  | 0,4   |
| 143    | Cereus        | aethiops                 | JN 445    | Zapata, Mendoza, Arg. 870m                                   | 30  | 0,4   |
| 144    | Cereus        | aethiops                 | JN 453    | Afte Cacheuta, Mendoza, Arg. 1541m                           | 30  | 0,4   |
| 145    | Cereus        | aethiops                 | JN 478    | Huaco-Guandacol, San Juan, Arg. 1027m                        | 30  | 0,4   |
| 146    | Cereus        | aethiops                 | JN 483    | Sañogasta, La Rioja, Arg. 1135m                              | 30  | 0,4   |
| 147    | Cereus        | aethiops                 | JN 497    | Quebrada Malcasco, La Rioja, Arg. 1051m                      | 30  | 0,4   |
| 148    | Cereus        | aethiops                 | JN 527    | San Fernando, Catamarca, Arg. 1606m                          | 30  | 0,4   |
| 149    | Cereus        | aethiops                 | JN 589    | Natur Monument El Obelisco, Salta, Arg                       | 30  | 0,4   |
| 150    | Cereus        | aethiops                 | JN 1150   | Hualfin, Catamarca, Arg. 1990m                               | 20  | 0,4   |
| 152    | Cereus        | forbesii                 | KP 1223   | Miraflores, Catamarca, Arg. 619m                             | 20  | 0,4   |
| 151    | Cereus        | jamacaru                 | JN 598    | San José de las Salinas, Córdoba, Arg. 333m                  | 30  | 0,4   |
| 151,1  | Cereus        | jamacaru                 | JN 598    | San José de las Salinas, Córdoba, Arg. 333m                  | 100 | 0,88  |
| SV0821 | Cereus        | peruvianus               | KA 16/31A | San Pablo, Hualalpina, Cat.                                  | 20  | 0,2   |
| 153    | Cereus        | species-giant flower     | JN 1201   | ruta a Metan, Salta, Arg. 798m                               | 30  | 0,4   |
| 154    | Cleistocactus | aff. smaragdiflorus      | JN 160    | Simbolar-Las Peñas, Córdoba, Arg. 480m                       | 20  | 0,4   |
| 156    | Cleistocactus | baumannii                | JN 1488   | 4km S of Quilino, Cordoba, Arg. 432m                         | 30  | 0,4   |
| 158    | Cleistocactus | hyalacanthus             | JN 558    | Chorrilos, Salta, Arg. 2097m                                 | 20  | 0,4   |
| 158,1  | Cleistocactus | hyalacanthus             | JN 558    | Chorrilos, Salta, Arg. 2097m                                 | 100 | 1,12  |
| 159    | Cleistocactus | jujuyensis               | JN 580    | Tumbaya, Jujuy, Arg. 2128m                                   | 20  | 0,4   |
| 159,1  | Cleistocactus | jujuyensis               | JN 580    | Tumbaya, Jujuy, Arg. 2128m                                   | 100 | 1,12  |
| 160    | Cleistocactus | jujuyensis               | JN 1223   | Estancia ferrocarril Chorrillios, Salta, Arg. 2090m          | 20  | 0,4   |
| 161    | Cleistocactus | parviflorus              | JN 1131   | jardin botanico Chirau Mita, Chilesito, La Rioja, Arg. 1082m | 20  | 0,4   |
| 162    | Cleistocactus | smaragdiflorus           | JN 110    | Villa Guasayan, Santiago de Estrelo, Arg. 489m               | 30  | 0,32  |
| 163    | Cleistocactus | smaragdiflorus           | JN 596    | Villa Guasayan, Santiago de Estrelo, Arg. 475m               | 30  | 0,32  |
| 163,1  | Cleistocactus | smaragdiflorus           | JN 596    | Villa Guasayan, Santiago de Estrelo, Arg. 475m               | 100 | 1     |

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| 164    | Cleistocactus | smaragdiflorus                 | JN 113    | La Valle, Santiago Del Estrelo, Arg. 643m          | 30  | 0,32 |
| 165    | Cleistocactus | smaragdiflorus                 | JN 115    | Sierra Ancasti II, Catamarca, Arg. 484m            | 30  | 0,32 |
| 165,1  | Cleistocactus | smaragdiflorus                 | JN 115    | Sierra Ancasti II, Catamarca, Arg. 484m            | 100 | 1    |
| 166    | Cleistocactus | smaragdiflorus                 | JN 120    | Sierra Ancasti-Icaño, Catamarca, Arg. 525m         | 30  | 0,32 |
| 167    | Cleistocactus | smaragdiflorus                 | JN 125    | Ancasti, Catamarca, Arg. 860m                      | 30  | 0,32 |
| 168    | Cleistocactus | smaragdiflorus                 | JN 138    | El Rekreo, Catamarca, Arg. 235m                    | 30  | 0,32 |
| 169    | Cleistocactus | smaragdiflorus                 | JN 139    | Qullino, Corbóda, Arg. 436m                        | 30  | 0,32 |
| 170    | Cleistocactus | smaragdiflorus                 | JN 592    | Lamadrid, Tucuman, Arg. 299m                       | 30  | 0,4  |
| 170,1  | Cleistocactus | smaragdiflorus                 | JN 592    | Lamadrid, Tucuman, Arg. 299m                       | 100 | 0,88 |
| 171    | Cleistocactus | smaragdiflorus                 | JN 1206   | Icaño, Catamarca, Arg. 370m                        | 30  | 0,4  |
| 172    | Cleistocactus | smaragdiflorus                 | JN 1204   | Lavalle->ruta 644, Santiago del Estrelo, Arg. 604m | 30  | 0,4  |
| SV0040 | Cleistocactus | species                        | RS 1674   | Alemania->La Viña                                  | 20  | 0,32 |
| 173    | Cleistocactus | strausii                       | JO 968.01 | Condor Pass, Tarija, Bolivia                       | 20  | 0,4  |
| 187    | Copiapoa      | calderana                      | JN 823    | Quebrada del Morado, Atacama, 72m Chile            | 20  | 0,72 |
| 312    | Copiapoa      | haseltoniana v. gigantea       | JN 853    | above playa Sara, Antofagasta, 49m Chile           | 20  | 0,6  |
| 312,1  | Copiapoa      | haseltoniana v. gigantea       | JN 853    | above playa Sara, Antofagasta, 49m Chile           | 100 | 2,6  |
| 355    | Copiapoa      | taltalensis ssp. taltalensis   | JN 849    | Quebrada San Ramon, Antofagasta, 260m Chile        | 10  | 0,8  |
| 356    | Copiapoa      | taltalensis ssp. taltalensis   | JN 1308   | Quebrada San Ramon, Antofagasta, 246m Chile        | 10  | 1    |
| 356,1  | Copiapoa      | taltalensis ssp. taltalensis   | JN 1308   | Quebrada San Ramon, Antofagasta, 246m Chile        | 100 | 7,96 |
| 175    | Copiapoa      | aff. calderana                 | JN 692    | ruta C 249-Quarenta Minas, Atacama, 85m Chile      | 10  | 0,6  |
| 176    | Copiapoa      | alticostata                    | JN 1272   | Maintencillo, Atacama, 269m Chile                  | 20  | 0,6  |
| 179    | Copiapoa      | alticostata                    | JN 806    | ruta C 494 -> Quebradita, Atacama, 278m Chile      | 20  | 0,4  |
| 180    | Copiapoa      | alticostata                    | JN 814    | Las Pintadas, Atacama, 499m Chile                  | 20  | 0,4  |
| 182    | Copiapoa      | alticostata                    | JN 671    | Comuna de Freirina, Atacama, 255m Chile            | 20  | 0,6  |
| 178    | Copiapoa      | alticostata – long black spiny | JN 801    | Santunario del Minero, Atacama, 333m Chile         | 20  | 0,6  |
| 178,1  | Copiapoa      | alticostata – long black spiny | JN 801    | Santunario del Minero, Atacama, 333m Chile         | 100 | 1,8  |
| 184    | Copiapoa      | alticostata - vallenarensis    | JN 351    | Huasco Bajo-Freirina, Atacama, Chile 139m          | 20  | 0,4  |
| 185    | Copiapoa      | alticostata - vallenarensis    | JN 352    | Hacienda Nicolasa, Atacama, Chile 191m             | 20  | 0,4  |
| 185,1  | Copiapoa      | alticostata - vallenarensis    | JN 352    | Hacienda Nicolasa, Atacama, Chile 191m             | 100 | 1,96 |
| 186    | Copiapoa      | alticostata - vallenarensis    | JN 353    | Freirina-Vallenar City(15km), Atacama, Chile 181m  | 20  | 0,4  |
| 186,1  | Copiapoa      | alticostata - vallenarensis    | JN 353    | Freirina-Vallenar City(15km), Atacama, Chile 181m  | 100 | 1,96 |
| 187    | Copiapoa      | alticostata - vallenarensis    | JN 354    | Freirina-Vallenar City (11km), Atacama, Chile 176m | 20  | 0,4  |
| 188    | Copiapoa      | alticostata - vallenarensis    | JN 672    | Freirina-Vallenar, Atacama, 226m Chile             | 20  | 0,4  |

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| 186   | Copiapoa | alticostata - vallenarensis            | JN 1342 | Vallenar-Freirina, km 19, Atacama, 235m Chile  | 20  | 0,48 |
| 181   | Copiapoa | alticostata (hard spiny)               | JN 667  | before ciudad Vallenar, Atacama, 505m Chile  | 20  | 0,6  |
| 183   | Copiapoa | alticostata (robust form)              | JN 265  | Freirina - Huasco Bajo left hill near Highway, Atacama, Chile  | 20  | 0,4  |
| 177   | Copiapoa | alticostata long black spiny form      | JN 871  | Quebrada Negra, Atacama, 147m Chile  | 20  | 0,6  |
| 177,1 | Copiapoa | alticostata long black spiny form      | JN 871  | Quebrada Negra, Atacama, 147m Chile  | 100 | 1,8  |
| 189   | Copiapoa | calderana                              | JN 687  | Balneario Ramada, Atacama, 91m Chile   | 20  | 0,72 |
| 189,1 | Copiapoa | calderana                              | JN 687  | alneario Ramada, Atacama, 91m Chile  | 100 | 3,16 |
| 190   | Copiapoa | calderana                              | JN 688  | Santunario de la Naturaleza, Atacama, 50m Chile  | 20  | 0,72 |
| 191   | Copiapoa | calderana                              | JN 730  | Sierra Pajonal, Atacama, 75m Chile   | 20  | 0,72 |
| 192   | Copiapoa | calderana (goldii)                     | JN 822  | 2km S of Punta Totorallillo, Atacama, 18m Chile  | 20  | 0,72 |
| 188   | Copiapoa | calderana black/brown spiny form       | JN 865  | Quebrada El Potrero, Antofagasta, 83m Chile  | 20  | 0,72 |
| 193   | Copiapoa | calderana v. spinosior                 | JN 1330 | Santunario-ruta 5, km 950, Atacama, 16m Chile  | 10  | 1    |
| 194   | Copiapoa | calderana v. spinosior                 | JN 1331 | Portofino, Atacama, 13m Chile  | 10  | 1    |
| 232   | Copiapoa | cinerea                                | JN 860  | Punta Taltal, Antofagasta, 339m Chile  | 10  | 1,2  |
| 234   | Copiapoa | cinerea                                | JN 1326 | Santunario Lidia Escobar Negra, Antofagasta, 399m Chile  | 10  | 1,4  |
| 228   | Copiapoa | cinerea                                | JN 1303 | Quebrada San Ramon, Antofagasta, 200m Chile  | 10  | 1    |
| 229   | Copiapoa | cinerea ABS TOP!                       | JN 1311 | camino a Bahia Isla Blanca, Antofagasta, 282m Chile  | 10  | 1,4  |
| 230   | Copiapoa | cinerea ABS TOP!                       | JN 1366 | Punta Taltal-Punta Negra, Antofagasta, 295m Chile  | 10  | 1,4  |
| 235   | Copiapoa | cinerea v. albispina                   | JN 847  | Quebrada San Ramon, Antofagasta, 205m Chile  | 10  | 1,2  |
| 236   | Copiapoa | cinerea v. albispina                   | JN 1305 | Quebrada San Ramon, Antofagasta, 222m Chile  | 10  | 1,2  |
| 237   | Copiapoa | cinerea v. albispina                   | JN 852  | Punta Camarones, Antofagasta, 21m Chile  | 10  | 1,2  |
| 238   | Copiapoa | cinerea v. albispina                   | JN 1312 | Playa Tierra del Mooro, Antofagasta, 20m Chile   | 10  | 1,2  |
| 238,1 | Copiapoa | cinerea v. albispina                   | JN 1312 | Playa Tierra del Mooro, Antofagasta, 20m Chile   | 100 | 9,96 |
| 239   | Copiapoa | cinerea v. albispina                   | JN1313  | Santunario Pollito, Antofagasta, 28m Chile   | 10  | 1,2  |
| 240   | Copiapoa | cinerea x cinerea v. albispina         | JN 846  | Quebrada San Ramon, Antofagasta, 205m Chile  | 10  | 1    |
| 241   | Copiapoa | cinerea x cinerea v. albispina         | JN 1304 | Quebrada San Ramon, Antofagasta, 215m Chile  | 10  | 1,2  |
| 226   | Copiapoa | cinerea x longistaminea                | JN 309  | Ruta 5 Norte - turning / before / Taltal City II. left side plain behind first hill over canyon, Antofagasta, Chile 399m | 10  | 0,6  |
| 227   | Copiapoa | cinerea x longistaminea                | JN 310  | Ruta 5 Norte - turning / before / Taltal City II. left side in canyon, Antofagasta, Chile 376m                           | 10  | 0,6  |
| 227,1 | Copiapoa | cinerea x longistaminea                | JN 310  | Ruta 5 Norte - turning / before / Taltal City II. left side in canyon, Antofagasta, Chile 376m                           | 100 | 2,4  |
| 225   | Copiapoa | cinerea x longistaminea (large plants) | JN 308  | Ruta 5 Norte - turning / before / Taltal City II. left side first hill over canyon, Antofagasta, Chile 391m              | 10  | 0,6  |

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| 225,1 | Copiapoa | cinerea x longistaminea (large plants)      | JN 308  | Ruta 5 Norte - turning / before / Taltal City II. left side first hill over canyon, Antofagasta, Chile 391m  | 100 | 2,4  |
| 233   | Copiapoa | cinerea-long spiny form                     | JN 861  | Santunario Lidia Escobar Negra, Antofagasta, 411m Chile  | 10  | 1,2  |
| 231   | Copiapoa | cinerea-mountain form                       | JN 1323 | Mont Perales, Antofagasta, 732m Chile  | 10  | 1,6  |
| 195   | Copiapoa | cinerescens white/gold spiny form           | JN 1294 | NP Pan de Azucar-Playa Blanca, Atacama, 27m Chile  | 20  | 0,6  |
| 205   | Copiapoa | columna-alba                                | JN 838  | Cerro Morado, Antofagasta, 299m Chile  | 10  | 1,2  |
| 200   | Copiapoa | columna-alba black spiny form               | JN 1297 | Esmeralda/limita NP Pan de Azucar, Antofagasta, 285m   | 10  | 1,2  |
| 200,1 | Copiapoa | columna-alba black spiny form               | JN 1297 | Esmeralda/limita NP Pan de Azucar, Antofagasta, 285m   | 100 | 9,96 |
| 201   | Copiapoa | columna-alba black spiny form               | JN 1300 | Punta Ballenita, Antofagasta, 329m Chile   | 10  | 1,2  |
| 202   | Copiapoa | columna-alba black spiny form               | JN 1301 | Tigrillo, Antofagasta, 158m Chile  | 10  | 1,2  |
| 204   | Copiapoa | columna-alba f. melanohystrix giant plants! | JN 1328 | Quebrada El Griton, Antofagasta, 401m Chile  | 10  | 1,8  |
| 203   | Copiapoa | columna-alba short black spiny 1-2cm        | JN 1302 | Las Maderas, Antofagasta, 165m Chile   | 10  | 1,2  |
| 203,1 | Copiapoa | columna-alba short black spiny 1-2cm        | JN 1302 | Las Maderas, Antofagasta, 165m Chile   | 50  | 5    |
| 196   | Copiapoa | columna-alba yellow form                    | JN 829  | NP Pan de Azucar-Quebrada Castillo, Atacama, 78m Chile   | 10  | 1    |
| 197   | Copiapoa | columna-alba yellow form                    | JN 830  | NP Pan de Azucar – El Mirador, Atacama, 98m Chile  | 10  | 1    |
| 198   | Copiapoa | columna-alba yellow form                    | JN 1295 | NP Pan de Azucar, Atacama, 57m, Chile  | 10  | 1,2  |
| 198,1 | Copiapoa | columna-alba yellow form                    | JN 1295 | NP Pan de Azucar, Atacama, 57m, Chile  | 50  | 5    |
| 199   | Copiapoa | columna-alba yellow form                    | JN 1296 | NP Pan de Azucar-El Mirador, Atacama, 60m Chile  | 10  | 1,2  |
| 199,1 | Copiapoa | columna-alba yellow form                    | JN 1296 | NP Pan de Azucar-El Mirador, Atacama, 60m Chile  | 50  | 5    |
| 206   | Copiapoa | coquimbana                                  | JN 651  | Caleta Los Hornos, Coquimbo, 150m Chile  | 20  | 0,4  |
| 207   | Copiapoa | coquimbana                                  | JN 874  | Punta Poroto-privat campo, Atacama, 93m Coquimbo   | 20  | 0,4  |
| 213,1 | Copiapoa | coquimbana                                  | JN 372  | Caleta Hornos, Coquimbo, Chile 198m  | 100 | 1,4  |
| 214   | Copiapoa | coquimbana                                  | JN 779  | Caleta Arrayán, Coquimbo, 196m Chile   | 20  | 0,4  |
| 214,1 | Copiapoa | coquimbana                                  | JN 779  | Caleta Arrayán, Coquimbo, 196m Chile   | 100 | 1,8  |
| 215   | Copiapoa | coquimbana                                  | JN 780  | Puente Juan Soldado, Coquimbo, 201m Chile  | 20  | 0,4  |
| 215,1 | Copiapoa | coquimbana                                  | JN 780  | Puente Juan Soldado, Coquimbo, 201m Chile  | 100 | 1,8  |
| 216   | Copiapoa | coquimbana                                  | JN 781  | Quebrada Honda, 191m Chile   | 20  | 0,4  |
| 216,1 | Copiapoa | coquimbana                                  | JN 781  | Quebrada Honda, 191m Chile   | 100 | 1,8  |
| 211   | Copiapoa | coquimbana (long curved spines 15cm)        | JN 370  | Mianteicilo, Coquimbo, Chile 179m  | 20  | 0,4  |
| 211,1 | Copiapoa | coquimbana (long curved spines 15cm)        | JN 370  | Mianteicilo, Coquimbo, Chile 179m  | 100 | 1,4  |
| 212   | Copiapoa | coquimbana (long curved spines 15cm)        | JN 371  | Cuesta Buenos Aires, Coquimbo, Chile 179m  | 20  | 0,4  |
| 210   | Copiapoa | coquimbana (long curved spines)             | JN 369  | Quebrada Honda - Mianteincilo left off road over mts. - 2 km behind village right hill, Coquimbo, Chile 177m | 20  | 0,4  |

|       |          |  |         |  |     |      |
|-------|----------|--|---------|--|-----|------|
| 210,1 | Copiapoa | coquimbana (long curved spines)                    | JN 369  | Quebrada Honda - Mienteincilo left off road over mts. - 2 km behind village right hill, Coquimbo, Chile 177m | 100 | 1,4  |
| 213   | Copiapoa | coquimbana (long curved spines)                    | JN 372  | Caleta Hornos, Coquimbo, Chile 198m  | 20  | 0,4  |
| 209   | Copiapoa | coquimbana (mountain till 15cm long curved spines) | JN 262  | off road right side Sierra Quebrada Honda II., Coquimbo, Chile 244m  | 20  | 0,4  |
| 208   | Copiapoa | coquimbana (red-brown curved spines)               | JN 255  | off road right side Sierra Quebrada Honda I. up private house, Coquimbo, Chile 153m                          | 20  | 0,4  |
| 218   | Copiapoa | coquimbana-armata                                  | JN 777  | El Romeral, Coquimbo, 94m Chile  | 10  | 0,48 |
| 219   | Copiapoa | coquimbana-armata                                  | JN 1237 | Coquimbuto, Coquimbo, 87m Chile  | 10  | 0,48 |
| 217   | Copiapoa | coquimbana-mountain form                           | JN 1254 | Quebrada Honda, Coquimbo, 189m Chile   | 20  | 0,4  |
| 217,1 | Copiapoa | coquimbana-mountain form                           | JN 1254 | Quebrada Honda, Coquimbo, 189m Chile   | 100 | 1,8  |
| 220   | Copiapoa | coquimbana-wagencknechtii                          | JN 773  | Las Rojas, Coquimbo, 217m Chile  | 10  | 0,48 |
| 242   | Copiapoa | dealbata v. carrizalensis                          | JN 679  | NP Llanos de Challe, Atacama, 28m Chile  | 10  | 0,72 |
| 243   | Copiapoa | dealbata v. carrizalensis                          | JN 681  | Quebrada Mala, Atacama, 89m Chile  | 10  | 0,72 |
| 244   | Copiapoa | dealbata v. carrizalensis                          | JN 1285 | Quebrada Mala, Atacama, 99m Chile  | 10  | 0,8  |
| 245   | Copiapoa | dealbata v. carrizalensis                          | JN 1286 | La Tortuga, Atacama, 103m Chile  | 10  | 0,8  |
| 245,1 | Copiapoa | dealbata v. carrizalensis                          | JN 1286 | La Tortuga, Atacama, 103m Chile  | 100 | 5,96 |
| 246   | Copiapoa | dealbata v. carrizalensis                          | JN 1287 | Caleta Corralez, Atacama, 176m Chile   | 10  | 0,8  |
| 246,1 | Copiapoa | dealbata v. carrizalensis                          | JN 1287 | Caleta Corralez, Atacama, 176m Chile   | 100 | 5,96 |
| 247   | Copiapoa | dealbata v. carrizalensis                          | JN 817  | entrada NP Llanos de Challe, Atacama, 10m Chile  | 10  | 0,72 |
| 247,1 | Copiapoa | dealbata v. carrizalensis                          | JN 817  | entrada NP Llanos de Challe, Atacama, 10m Chile  | 100 | 5,16 |
| 248   | Copiapoa | dealbata v. carrizalensis                          | JN 818  | Quebrada Mala, Atacama, 18m Chile  | 10  | 0,72 |
| 248,1 | Copiapoa | dealbata v. carrizalensis                          | JN 818  | Quebrada Mala, Atacama, 18m Chile  | 100 | 5,16 |
| 249   | Copiapoa | dealbata v. carrizalensis                          | JN 819  | playa Los Pozos, Atacama, 15m Chile  | 10  | 0,72 |
| 249,1 | Copiapoa | dealbata v. carrizalensis                          | JN 819  | playa Los Pozos, Atacama, 15m Chile  | 100 | 5,16 |
| 250   | Copiapoa | dealbata v. carrizalensis                          | JN 820  | aeropuerto Gran Canyon Carrizal, Atacama, 65m Chile  | 10  | 0,72 |
| 251,1 | Copiapoa | dealbata v. carrizalensis                          | JN 820  | aeropuerto Gran Canyon Carrizal, Atacama, 65m Chile  | 100 | 5,16 |
| 252   | Copiapoa | dealbata v. carrizalensis                          | JN 866  | Punta Carrizal, Atacama, 5m Chile  | 10  | 0,72 |
| 252,1 | Copiapoa | dealbata v. carrizalensis                          | JN 866  | Punta Carrizal, Atacama, 5m Chile  | 100 | 5,16 |
| 253   | Copiapoa | dealbata v. carrizalensis                          | JN 867  | La Herradura, Atacama, 98m Chile   | 10  | 0,72 |
| 253,1 | Copiapoa | dealbata v. carrizalensis                          | JN 867  | La Herradura, Atacama, 98m Chile   | 100 | 5,16 |
| 254   | Copiapoa | dealbata v. carrizalensis                          | JN 868  | Punta Molle, Atacama, 32m Chile  | 10  | 0,72 |
| 254,1 | Copiapoa | dealbata v. carrizalensis                          | JN 868  | Punta Molle, Atacama, 32m Chile  | 100 | 5,16 |
| 255   | Copiapoa | dealbata v. carrizalensis                          | JN 682  | Carrizal Bajo-Caleta Pajonal, Atacama, 107m Chile  | 10  | 0,72 |

|       |          |  |         |   |     |      |
|-------|----------|--|---------|---|-----|------|
| 258   | Copiapoa | dealbata v. carrizalensis - SUPER!                         | JN 274  | off road Carrizal Bajo - Totoral I., Atacama, Chile 97m                     | 10  | 0,6  |
| 257   | Copiapoa | dealbata v. carrizalensis-green epidermis                  | JN1337  | above Caleta Matamoros, Atacama, 172m Chile                                 | 10  | 0,88 |
| 256   | Copiapoa | dealbata v. carrizalensis-green epidermis, long spiny form | JN 1336 | ruta C 10, km 109 Totoral -> Carrizal Bajo, Atacama, 205m Chile             | 10  | 0,88 |
| 260   | Copiapoa | echinoides   | JN 662  | Caleta Punta Choros, Coquimbo, 27m Chile                                    | 20  | 0,6  |
| 261   | Copiapoa | echinoides   | JN 785  | Caleta Chorreadero, Coquimbo, 30m Chile                                     | 20  | 0,6  |
| 262   | Copiapoa | echinoides   | JN 789  | Posada El chico Marcelo, Coquimbo, 353m Chile                               | 20  | 0,6  |
| 263   | Copiapoa | echinoides   | JN 1259 | Punta Carizallilo, Coquimbo, 40m Chile                                      | 20  | 0,6  |
| 264   | Copiapoa | echinoides   | JN 1348 | Trapiche, Atacama, 329m Chile   | 20  | 0,6  |
| 265   | Copiapoa | echinoides (dura)  | KK 607  | Totoral   | 20  | 0,4  |
| 266   | Copiapoa | eremophyla   | JN 1318 | Blanco Encalada, Antofagasta, 48m Chile                                     | 20  | 0,6  |
| 268   | Copiapoa | eremophyla   | JN 716  | Paposo cementery, Antofagasta, 46m Chile                                    | 20  | 0,6  |
| 268,1 | Copiapoa | eremophyla   | JN 716  | Paposo cementery, Antofagasta, 46m Chile                                    | 100 | 2,36 |
| 269   | Copiapoa | eremophyla   | JN 717  | Caleta Rincón, Antofagasta, 48m Chile                                       | 20  | 0,6  |
| 269,1 | Copiapoa | eremophyla   | JN 717  | Caleta Rincón, Antofagasta, 48m Chile                                       | 100 | 2,36 |
| 267   | Copiapoa | eremophyla blue epidermis                                  | JN 855  | Caleta El Cobre, Antofagasta, 50m Chile                                     | 20  | 0,6  |
| 267,1 | Copiapoa | eremophyla blue epidermis                                  | JN 855  | Caleta El Cobre, Antofagasta, 50m Chile                                     | 100 | 2,36 |
| 271   | Copiapoa | eremophyla eremophyla x longistaminea                      | JN 329  | Paposo City / behind / left rockie side near sea, Antofagasta               | 20  | 0,4  |
| 271,1 | Copiapoa | eremophyla eremophyla x longistaminea                      | JN 329  | Paposo City / behind / left rockie side near sea, Antofagasta               | 100 | 1,6  |
| 272   | Copiapoa | eremophyla eremophyla x longistaminea                      | JN 330  | Ejido El Medano behind road directly into mountains, Antofagasta, Chile 48m | 20  | 0,6  |
| 272,1 | Copiapoa | eremophyla eremophyla x longistaminea                      | JN 330  | Ejido El Medano behind road directly into mountains, Antofagasta, Chile 48m | 100 | 1,6  |
| 270   | Copiapoa | eremophyla eremophyla-haseltoniana                         | JN 1324 | Punta Plata, Antofagasta, 35m Chile   | 20  | 0,6  |
| 273   | Copiapoa | fiedleriana  | JN 816  | Quebrada Baratillo, Atacama, 42m Chile                                      | 20  | 0,48 |
| 274   | Copiapoa | fiedleriana  | JN 673  | Huasco-docks, Atacama, 107m Chile   | 20  | 0,48 |
| 275   | Copiapoa | fiedleriana  | JN 1276 | Huasco-docks, Atacama, 106m Chile   | 20  | 0,6  |
| 276   | Copiapoa | fiedleriana  | JN 869  | Quebrada Mala, Atacama, 90m Chile   | 20  | 0,6  |
| 277   | Copiapoa | fiedleriana  | JN 899  | Quebrada Barratillo, Atacama, 103m Chile                                    | 20  | 0,6  |
| 277,1 | Copiapoa | fiedleriana  | JN 899  | Quebrada Barratillo, Atacama, 103m Chile                                    | 100 | 2,2  |
| 278   | Copiapoa | fiedleriana  | JN 680  | Quebrada Mala, Atacama, 89m Chile   | 20  | 0,6  |
| 279   | Copiapoa | fiedleriana  | JN 683  | Carrizal Bajo-Caleta Pajonal, Atacama, 107m Chile                           | 20  | 0,6  |
| 280   | Copiapoa | fiedleriana  | JN 734  | Los Toyos, Atacama, 97m Chile   | 20  | 0,48 |

|       |          |                                     |         |   |     |       |
|-------|----------|-------------------------------------|---------|---|-----|-------|
| 280,1 | Copiapoa | fiedleriana                         | JN 734  | Los Toyos, Atacama, 97m Chile   | 100 | 1,96  |
| 281   | Copiapoa | fiedleriana                         | JN 1284 | Los Toyos, Atacama, 109m Chile  | 20  | 0,6   |
| 282   | Copiapoa | fiedleriana                         | JN 1335 | before Caleta Pajonalensis, Atacama, 146m Chile   | 20  | 0,6   |
| 287   | Copiapoa | griseoviolacea – NOVINKA!           | JN 812  | Las Pintadas, Atacama, 499m Chile   | 10  | 2     |
| 287,1 | Copiapoa | griseoviolacea – NOVINKA!           | JN 812  | Las Pintadas, Atacama, 499m Chile   | 100 | 15,96 |
| 288   | Copiapoa | griseoviolacea – NOVINKA!           | JN 872  | Cerro Blanco, Atacama, 524m Chile   | 10  | 2     |
| 288,1 | Copiapoa | griseoviolacea – NOVINKA!           | JN 872  | Cerro Blanco, Atacama, 524m Chile   | 100 | 15,96 |
| 289   | Copiapoa | griseoviolacea – NOVINKA!           | JN 1273 | Hacienda Nicolasa-privat granja de cerdo, Atacama, 540m Chile   | 10  | 2     |
| 289,1 | Copiapoa | griseoviolacea – NOVINKA!           | JN 1273 | Hacienda Nicolasa-privat granja de cerdo, Atacama, 540m Chile   | 100 | 15,96 |
| 290   | Copiapoa | haseltoniana                        | JN 711  | Quebrada San Ramon, Antofagasta, 271m Chile   | 20  | 0,6   |
| 291   | Copiapoa | haseltoniana                        | JN 714  | Taltal-Paposo ruta 1 km 33, Antofagasta, 21m Chile  | 20  | 0,6   |
| 292   | Copiapoa | haseltoniana                        | JN 721  | Caleta Colorada near ocean, Antofagasta, 44m Chile  | 20  | 0,6   |
| 293   | Copiapoa | haseltoniana                        | JN 1314 | Playa Tierra del Mooro, Antofagasta, 20m Chile  | 20  | 0,6   |
| 293,1 | Copiapoa | haseltoniana                        | JN 1314 | Playa Tierra del Mooro, Antofagasta, 20m Chile  | 100 | 2,2   |
| 296   | Copiapoa | haseltoniana x cinerea v. albispina | JN 316  | N of Taltal - Paposo II. right rockie - right side hill place directly in top hill I., Antofagasta, Chile 11m   | 10  | 0,4   |
| 296,1 | Copiapoa | haseltoniana x cinerea v. albispina | JN 316  | N of Taltal - Paposo II. right rockie - right side hill place directly in top hill I., Antofagasta, Chile 11m   | 100 | 2,36  |
| 297   | Copiapoa | haseltoniana x cinerea v. albispina | JN 317  | N of Taltal - Paposo II. right rockie - right side hill place directly in top hill II., Antofagasta, Chile 16m  | 10  | 0,4   |
| 297,1 | Copiapoa | haseltoniana x cinerea v. albispina | JN 317  | N of Taltal - Paposo II. right rockie - right side hill place directly in top hill II., Antofagasta, Chile 16m  | 100 | 2,36  |
| 298   | Copiapoa | haseltoniana x cinerea v. albispina | JN 318  | N of Taltal - Paposo II. right rockie - right side hill place directly in top hill III., Antofagasta, Chile 29m | 10  | 0,4   |
| 298,1 | Copiapoa | haseltoniana x cinerea v. albispina | JN 318  | N of Taltal - Paposo II. right rockie - right side hill place directly in top hill III., Antofagasta, Chile 29m | 100 | 2,36  |
| 299   | Copiapoa | haseltoniana x eremophyla           | JN 332  | Ejido El Medano / behind 8 km / right side behind road in rockies till into mts. Hills, Antofagasta, Chile 47m  | 20  | 0,4   |
| 299,1 | Copiapoa | haseltoniana x eremophyla           | JN 332  | Ejido El Medano / behind 8 km / right side behind road in rockies till into mts. Hills, Antofagasta, Chile 47m  | 100 | 1,4   |
| 300   | Copiapoa | haseltoniana x eremophyla           | JN 333  | Ejido El Medano / behind 8 km / left side behind road in rockies till into sea, Antofagasta, Chile 38m          | 20  | 0,4   |
| 300,1 | Copiapoa | haseltoniana x eremophyla           | JN 333  | Ejido El Medano / behind 8 km / left side behind road in rockies till into sea, Antofagasta, Chile 38m          | 100 | 1,4   |
| 301   | Copiapoa | haseltoniana x eremophyla           | JN 858  | Ciudad Paposo, Antofagasta, 18m Chile   | 20  | 0,4   |
| 301,1 | Copiapoa | haseltoniana x eremophyla           | JN 858  | Ciudad Paposo, Antofagasta, 18m Chile   | 100 | 1,4   |

|       |          |  |          |   |     |      |
|-------|----------|--|----------|---|-----|------|
| 302   | Copiapoa | haseltoniana x gigantea (long yellow till, black spines) | JN 322   | N of Taltal - Paposo Ruta 1, km 43 right long plain / hill - near Highway, Antofagasta, Chile 47m                     | 20  | 0,4  |
| 302,2 | Copiapoa | haseltoniana x gigantea (long yellow till, black spines) | JN 322   | N of Taltal - Paposo Ruta 1, km 43 right long plain / hill - near Highway, Antofagasta, Chile 47m                     | 100 | 1,4  |
| 303   | Copiapoa | haseltoniana x gigantea (long yellow till, black spines) | JN 323   | N of Taltal - Paposo Ruta 1, km 43 right long plain-near Highway left side near canyon, Antofagasta, Chile 49m        | 20  | 0,4  |
| 303,1 | Copiapoa | haseltoniana x gigantea (long yellow till, black spines) | JN 323   | N of Taltal - Paposo Ruta 1, km 43 right long plain-near Highway left side near canyon, Antofagasta, Chile 49m        | 100 | 1,4  |
| 304   | Copiapoa | haseltoniana x gigantea (long yellow till, black spines) | JN 324   | N of Taltal-Paposo Ruta 1, km43 right long plain-near Highway-right side near canyon, Antofagasta, Chile 46m          | 20  | 0,4  |
| 304,1 | Copiapoa | haseltoniana x gigantea (long yellow till, black spines) | JN 324   | N of Taltal-Paposo Ruta 1, km43 right long plain-near Highway-right side near canyon, Antofagasta, Chile 46m          | 100 | 1,4  |
| 305   | Copiapoa | haseltoniana x gigantea (long yellow till, black spines) | JN 325   | N of Taltal - Paposo Ruta 1, km 43 right long plain - in hill top near rockies, Antofagasta, Chile 59m                | 20  | 0,4  |
| 305,1 | Copiapoa | haseltoniana x gigantea (long yellow till, black spines) | JN 325   | N of Taltal - Paposo Ruta 1, km 43 right long plain - in hill top near rockies, Antofagasta, Chile 59m                | 100 | 1,4  |
| 306   | Copiapoa | haseltoniana x gigantea (long yellow till, black spines) | JN 326   | N of Taltal - Paposo Ruta 1, km 89 right long plain-mostly hill - directly up Highway, Antofagasta, Chile 16m         | 20  | 0,4  |
| 306,1 | Copiapoa | haseltoniana x gigantea (long yellow till, black spines) | JN 326   | N of Taltal - Paposo Ruta 1, km 89 right long plain-mostly hill - directly up Highway, Antofagasta, Chile 16m         | 100 | 1,4  |
| 307   | Copiapoa | haseltoniana x gigantea (long yellow till, black spines) | JN 327   | N of Taltal - Paposo Ruta 1, km 89 right long plain-mostly hill - left side plain, Antofagasta, Chile 18m             | 20  | 0,4  |
| 307,1 | Copiapoa | haseltoniana x gigantea (long yellow till, black spines) | JN 327   | N of Taltal - Paposo Ruta 1, km 89 right long plain-mostly hill - left side plain, Antofagasta, Chile 18m             | 100 | 1,4  |
| 308   | Copiapoa | haseltoniana x gigantea (long yellow till, black spines) | JN 328   | N of Taltal - Paposo Ruta 1, km 89 right long plain-mostly hill - right side over mts. Camina, Antofagasta, Chile 38m | 20  | 0,4  |
| 308,1 | Copiapoa | haseltoniana x gigantea (long yellow till, black spines) | JN 328   | N of Taltal - Paposo Ruta 1, km 89 right long plain-mostly hill - right side over mts. Camina, Antofagasta, Chile 38m | 100 | 1,4  |
| 309   | Copiapoa | haseltoniana-gigantea                                    | JN 715   | Caleta Olivia, Antofagasta, 45m Chile   | 20  | 0,48 |
| 309,1 | Copiapoa | haseltoniana-gigantea                                    | JN 715   | Caleta Olivia, Antofagasta, 45m Chile   | 100 | 1,96 |
| 310   | Copiapoa | haseltoniana-gigantea                                    | JN 1316  | above Paposo, Antofagasta, 50m Chile  | 20  | 0,6  |
| 311   | Copiapoa | haseltoniana-gigantea                                    | JN 1315  | Caleta Olivia, Antofagasta, 47m Chile   | 20  | 0,6  |
| 294   | Copiapoa | haseltoniana-mountain form                               | JN 1320  | ruta a Antofagasta km 5, Antofagasta, 510m Chile  | 20  | 0,72 |
| 295   | Copiapoa | haseltoniana-mountain form                               | JN 1321  | Santunario Alfredo Cachorro, Antofagasta, 664m Chile  | 20  | 0,72 |
| D3002 | Copiapoa | humilis  |          |   | 20  | 0,2  |
| 314   | Copiapoa | hypogea  |          |   | 20  | 0,24 |
| 313   | Copiapoa | hypogea ssp. barquitenis                                 | JN 282 B | 40 Minas, Atacama, 87m Chile  | 15  | 1    |
| 315   | Copiapoa | krainziana   | JN 1309  | Quebrada San Ramon, Antofagasta, 312m Chile   | 10  | 2    |



|       |          |  |         |   |     |      |
|-------|----------|--|---------|---|-----|------|
| 316   | Copiapoa | longistaminea  | JN 836  | Esmeralda -> Tigrillo, Antofagasta, 79m Chile   | 10  | 0,72 |
| 317   | Copiapoa | longistaminea  | JN 834  | Esmeralda, Antofagasta, 220m Chile  | 10  | 0,72 |
| 318   | Copiapoa | longistaminea  | JN 1299 | Mina Las Lucas on coast, Antofagasta, 91m Chile   | 10  | 0,72 |
| 323   | Copiapoa | marginata  | JN 726  | El Faro, Atacama, 82m Chile   | 10  | 0,8  |
| 324   | Copiapoa | marginata  | JN 1291 | El Faro, Atacama, 103m Chile  | 10  | 1    |
| 325   | Copiapoa | marginata  | JN 821  | Mooro Copiapo, Atacama, 139m Chile  | 10  | 1    |
| 326   | Copiapoa | marginata  | JN 827  | Caleta Agua Hedionda, Atacama, 85m Chile  | 10  | 0,8  |
| 327   | Copiapoa | pendulina (southern area)                              | JN 1362 | Quebrada la Cebada, Coquimbo  | 10  | 0,8  |
| 328   | Copiapoa | pseudocoquimbana                                       | JN 663  | Punta Choros-Los Choros, Coquimbo, 114m Chile   | 20  | 0,6  |
| 329   | Copiapoa | pseudocoquimbana                                       | JN 359  | Ruta 5-Los Choros, Coquimbo, Chile 254m   | 10  | 0,4  |
| 330   | Copiapoa | pseudocoquimbana                                       | JN 360  | Ruta 5 - Los Choros / before / km 18 into left shore riverbed, Coquimbo, Chile 241m   | 20  | 0,4  |
| 330,1 | Copiapoa | pseudocoquimbana                                       | JN 360  | Ruta 5 - Los Choros / before / km 18 into left shore riverbed, Coquimbo, Chile 241m   | 100 | 1,6  |
| 338   | Copiapoa | pseudocoquimbana                                       | JN 783  | Quebrada Los Choros, Coquimbo, 260m Chile   | 20  | 0,4  |
| 339   | Copiapoa | pseudocoquimbana                                       | JN 783  | Quebrada Los Choros, Coquimbo, 260m Chile   | 100 | 1,6  |
| 340   | Copiapoa | pseudocoquimbana                                       | JN 1257 | ruta a Choros Bajos, Coquimbo, 261m Chile   | 20  | 0,4  |
| 340,1 | Copiapoa | pseudocoquimbana                                       | JN 1257 | ruta a Choros Bajos, Coquimbo, 261m Chile   | 100 | 1,8  |
| 341   | Copiapoa | pseudocoquimbana                                       | JN 1260 | Los Choros, Coquimbo, 268m Chile  | 20  | 0,4  |
| 331   | Copiapoa | pseudocoquimbana (long curved black-yellow-red spines) | JN 362  | Ejido Los Choros / behind / - directly to Ruta 5 Norte up rivered I. - right side up off road, Coquimbo, Chile 145m                   | 20  | 0,4  |
| 331,1 | Copiapoa | pseudocoquimbana (long curved black-yellow-red spines) | JN 362  | Ejido Los Choros / behind / - directly to Ruta 5 Norte up rivered I. - right side up off road, Coquimbo, Chile 145m                   | 100 | 1,6  |
| 332   | Copiapoa | pseudocoquimbana (long curved black-yellow-red spines) | JN 363  | Ejido Los Choros / behind / - directly to Ruta 5 Norte up rivered I.- left side in small hill, Coquimbo, Chile 149m                   | 20  | 0,4  |
| 332,1 | Copiapoa | pseudocoquimbana (long curved black-yellow-red spines) | JN 363  | Ejido Los Choros / behind / - directly to Ruta 5 Norte up rivered I.- left side in small hill, Coquimbo, Chile 149m                   | 100 | 1,6  |
| 333   | Copiapoa | pseudocoquimbana (long curved black-yellow-red spines) | JN 364  | Ejido Los Choros / behind / - directly to Ruta 5 Norte up rivered I. - right side road bellow into large canyon, Coquimbo, Chile 131m | 20  | 0,4  |
| 333,1 | Copiapoa | pseudocoquimbana (long curved black-yellow-red spines) | JN 364  | Ejido Los Choros / behind / - directly to Ruta 5 Norte up rivered I. - right side road bellow into large canyon, Coquimbo, Chile 131m | 100 | 1,6  |
| 334   | Copiapoa | pseudocoquimbana (only black hard spines)              | JN 365  | Ejido Los Choros / behind / - directly to Ruta 5 Norte up rivered II. - bellow into riverbed, Coquimbo, Chile 207m                    | 20  | 0,4  |
| 334,1 | Copiapoa | pseudocoquimbana (only black hard spines)              | JN 365  | Ejido Los Choros / behind / - directly to Ruta 5 Norte up rivered II. - bellow into riverbed, Coquimbo, Chile 207m                    | 100 | 1,6  |

|       |              |   |         |   |     |       |
|-------|--------------|---|---------|---|-----|-------|
| 335   | Copiapoa     | pseudocoquimbana (only black hard spines) | JN 366  | Ejido Los Choros / behind / - directly to Ruta 5 Norte up rivered II.- square riverbed, Coquimbo, Chile 215m            | 20  | 0,4   |
| 335,1 | Copiapoa     | pseudocoquimbana (only black hard spines) | JN 366  | Ejido Los Choros / behind / - directly to Ruta 5 Norte up rivered II.- square riverbed, Coquimbo, Chile 215m            | 100 | 1,6   |
| 336   | Copiapoa     | pseudocoquimbana (only black hard spines) | JN 367  | Ejido Los Choros / behind / - directly to Ruta 5 Norte up rivered II. - into hill top up riverbed, Coquimbo, Chile 227m | 20  | 0,4   |
| 336,1 | Copiapoa     | pseudocoquimbana (only black hard spines) | JN 367  | Ejido Los Choros / behind / - directly to Ruta 5 Norte up rivered II. - into hill top up riverbed, Coquimbo, Chile 227m | 100 | 1,6   |
| 337   | Copiapoa     | pseudocoquimbana (only black hard spines) | JN 368  | Ejido Los Choros / behind / - directly to Ruta 5 Norte up rivered II.- right hill top, Coquimbo, Chile 207m             | 20  | 0,4   |
| 337,1 | Copiapoa     | pseudocoquimbana (only black hard spines) | JN 368  | Ejido Los Choros / behind / - directly to Ruta 5 Norte up rivered II.- right hill top, Coquimbo, Chile 207m             | 100 | 1,6   |
| 342   | Copiapoa     | pseudocoquimbana v. vulgata – EXTRA!      | JN 642  | Totalillo near ocean, Coquimbo, 38m Chile   | 10  | 0,8   |
| 343   | Copiapoa     | pseudocoquimbana v. vulgata – EXTRA!      | JN 770  | Caleta Las Tacas, Coquimbo, 91m, Chile  | 20  | 0,6   |
| 349   | Copiapoa     | schulziana – gold/black spiny SUPER!      | JN 1340 | ruta C 500, km 29 a Puerto Sarco, Atacama, 424m Chile   | 10  | 1,4   |
| 350   | Copiapoa     | schulziana – gold/black spiny SUPER!      | JN 1341 | 5 km before Mina Gloria, Atacama, 560m Chile  | 10  | 1,4   |
| 350,1 | Copiapoa     | schulziana – gold/black spiny SUPER!      | JN 1341 | 5 km before Mina Gloria, Atacama, 560m Chile  | 100 | 11,96 |
| 351   | Copiapoa     | schulziana – gold/black spiny SUPER!      | JN 792  | Quebrada Chañaral, Atacama, 438m Chile  | 10  | 1,2   |
| 351,1 | Copiapoa     | schulziana – gold/black spiny SUPER!      | JN 792  | Quebrada Chañaral, Atacama, 438m Chile  | 100 | 9,96  |
| 352   | Copiapoa     | schulziana – gold/black spiny SUPER!      | JN 793  | Sierra El Tofo, Atacama, 496m Chile   | 10  | 1,2   |
| 352,1 | Copiapoa     | schulziana – gold/black spiny SUPER!      | JN 793  | Sierra El Tofo, Atacama, 496m Chile   | 100 | 9,96  |
| 353   | Copiapoa     | schulziana – gold/black spiny SUPER!      | JN 794  | Mina Gloria, Atacama, 572m Chile  | 10  | 1,2   |
| 353,1 | Copiapoa     | schulziana – gold/black spiny SUPER!      | JN 764  | Mina Gloria, Atacama, 572m Chile  | 100 | 9,96  |
| 357   | Copiapoa     | tenebrosa                                 | JN 1307 | Quebrada San Ramon, Antofagasta, 240m Chile   | 20  | 1     |
| 344   | Copiapoa     | vallenarensis                             | JN 655  | 20 km before Choros Bajos, Coquimbo, 285m Chile   | 20  | 0,6   |
| 345   | Copiapoa     | vallenarensis                             | JN 656  | 5 km N of Mina El Tofo, Coquimbo, 255m Chile  | 20  | 0,6   |
| 347   | Copiapoa     | vallenarensis – hard black spiny form     | JN 796  | ruta a Mina Algarrobo, Atacama, 506m Chile (d)  | 20  | 0,6   |
| 347,1 | Copiapoa     | vallenarensis – hard black spiny form     | JN 796  | ruta a Mina Algarrobo, Atacama, 506m Chile (d)  | 100 | 2     |
| 346   | Copiapoa     | vallenarensis (hard spiny form)           | JN 659  | Trapiche, Coquimbo, 327m Chile  | 20  | 0,6   |
| 348   | Copiapoa     | vallenarensis-black curved spiny form     | JN 1269 | 2km S of Vallenar, Atacama, 506m Chile  | 20  | 0,48  |
| 348,1 | Copiapoa     | vallenarensis-black curved spiny form     | JN 1269 | 2km S of Vallenar, Atacama, 506m Chile  | 100 | 2     |
| 358   | Copiapoa     | wagencknechtii                            | KK 58   | El Molle  | 20  | 0,4   |
| 362   | Cumulopuntia | miquelii (extra spiny form)               | JN 258  | off road right side Sierra Quebrada Honda I. top sunny place in left hill, Coquimbo, Chile 166m                         | 10  | 0,4   |

|       |              |   |         |   |     |      |
|-------|--------------|---|---------|---|-----|------|
| 362,1 | Cumulopuntia | miquelii (extra spiny form)                     | JN 258  | off road right side Sierra Quebrada Honda I. top sunny place in left hill, Coquimbo, Chile 166m   | 100 | 3    |
| 360   | Cumulopuntia | miquelii  | JN 256  | off road right side Sierra Quebrada Honda I. up private house, Coquimbo, Chile 153m   | 10  | 0,4  |
| 360,1 | Cumulopuntia | miquelii  | JN 256  | off road right side Sierra Quebrada Honda I. up private house, Coquimbo, Chile 153m   | 100 | 3    |
| 361   | Cumulopuntia | miquelii  | JN 257  | off road right side Sierra Quebrada Honda I. down left plain, Coquimbo, Chile 147m  | 10  | 0,4  |
| 361,1 | Cumulopuntia | miquelii  | JN 257  | off road right side Sierra Quebrada Honda I. down left plain, Coquimbo, Chile 147m  | 100 | 3    |
| 371   | Cumulopuntia | miquelii  | JN 652  | Caleta Los Hornos, Coquimbo, 150m Chile   | 10  | 0,4  |
| 372   | Cumulopuntia | miquelii  | JN 655  | Punta Choros-Los Choros, Coquimbo, 141m Chile   | 10  | 0,4  |
| 373   | Cumulopuntia | miquelii  | JN 678  | Baratillo, Atacama, 24m Chile   | 10  | 0,4  |
| 374   | Cumulopuntia | miquelii  | JN 782  | Quebrada Honda, Coquimbo, 191m Chile  | 10  | 0,4  |
| 375   | Cumulopuntia | miquelii  | JN 813  | Las Pintadas, Atacama, 499m Chile   | 10  | 0,4  |
| 376   | Cumulopuntia | miquelii  | JN 1256 | Quebrada Honda, Coquimbo, 189m Chile  | 10  | 0,4  |
| 363   | Cumulopuntia | miquelii (white-golden spines)                  | JN 266  | off road Huasco Bajo - Quebrada Mala I., Atacama, Chile 74m   | 10  | 0,48 |
| 364   | Cumulopuntia | miquelii (white-golden spines)                  | JN 267  | off road Huasco Bajo / behind / km 2,5, Atacama, Chile 79m  | 10  | 0,48 |
| 364   | Cumulopuntia | miquelii (white-golden spines)                  | JN 268  | off road Quebrada Mala / near table /, Atacama, Chile 70m   | 10  | 0,48 |
| 366   | Cumulopuntia | miquelii (white-golden-brown extra long spines) | JN 347  | Ruta 5 Norte - Ejido Totoral / behind / off road into sea, Atacama, Chile 132m  | 10  | 0,48 |
| 367   | Cumulopuntia | miquelii (white-golden-brown spines)            | JN 355  | Ruta 5 Norte/ Vallenar City-La Serena City/turning in left off road into mts.directly near old hacienda, Atacama, Chile 557m            | 10  | 0,6  |
| 367,1 | Cumulopuntia | miquelii (white-golden-brown spines)            | JN 355  | Ruta 5 Norte/ Vallenar City-La Serena City/turning in left off road into mts.directly near old hacienda, Atacama, Chile 557m            | 100 | 3,96 |
| 368   | Cumulopuntia | miquelii (white-golden-brown spines)            | JN 356  | Ruta 5 Norte/ Vallenar City-La Serena City / turning in left off road into mts-first crossing old roads, Atacama, Chile 581m            | 10  | 0,6  |
| 368,1 | Cumulopuntia | miquelii (white-golden-brown spines)            | JN 356  | Ruta 5 Norte/ Vallenar City-La Serena City / turning in left off road into mts-first crossing old roads, Atacama, Chile 581m            | 100 | 3,96 |
| 369   | Cumulopuntia | miquelii (white-golden-brown spines)            | JN 357  | Ruta 5 Norte / Vallenar City - La Serena City / turning in left off road into mts. - second crossing left old road, Atacama, Chile 569m | 10  | 0,6  |
| 369,1 | Cumulopuntia | miquelii (white-golden-brown spines)            | JN 357  | Ruta 5 Norte / Vallenar City - La Serena City / turning in left off road into mts. - second crossing left old road, Atacama, Chile 569m | 100 | 3,96 |
| 370   | Cumulopuntia | miquelii (white-golden-brown spines)            | JN 358  | Ruta 5 Norte / Vallenar City - La Serena City / turning in left off road into mts. - left top hill up old hacienda, Atacama, Chile 612m | 10  | 0,6  |

|        |              |   |         |   |     |      |
|--------|--------------|---|---------|---|-----|------|
| 370,1  | Cumulopuntia | miquelii (white-golden-brown spines)    | JN 358  | Ruta 5 Norte / Vallenar City - La Serena City / turning in left off road into mts. - left top hill up old hacienda, Atacama, Chile 612m | 100 | 3,96 |
| 377    | Denmoza      | rhodacantha x rhodacantha v. diamantina | JN 32   | Veinticinco del Mayo, Mendoza, Arg. 1653m   | 30  | 0,4  |
| 377,1  | Denmoza      | rhodacantha x rhodacantha v. diamantina | JN 32   | Veinticinco del Mayo, Mendoza, Arg. 1653m   | 100 | 1,12 |
| SV0655 | Denmoza      | erythrocephala – rhodacantha            | FF 1    | before San Rafael, Mendoza 1215m  | 30  | 0,4  |
| SV0653 | Denmoza      | erythrocephala – rhodacantha            | FF 2    | over ejido 25 de Mayo, Mendoza  | 30  | 0,4  |
| 382    | Denmoza      | rhodacantha                             | KR 5    | Ejido de Mayo, Mendoza  | 20  | 0,4  |
| 383    | Denmoza      | rhodacantha                             | JN 426  | Fortin Malal-Hue, Mendoza, Arg. 1462m   | 30  | 0,4  |
| 383,1  | Denmoza      | rhodacantha                             | JN 426  | Fortin Malal-Hue, Mendoza, Arg. 1462m   | 100 | 1    |
| 384    | Denmoza      | rhodacantha                             | JN 448  | San José, Mandoza, Arg. 1203m   | 30  | 0,4  |
| 384,1  | Denmoza      | rhodacantha                             | JN 448  | San José, Mandoza, Arg. 1203m   | 100 | 1    |
| 385    | Denmoza      | rhodacantha                             | JN 451  | Afte Cachueta, Mendoza, Arg. 1541m  | 30  | 0,4  |
| 385,1  | Denmoza      | rhodacantha                             | JN 451  | Afte Cachueta, Mendoza, Arg. 1541m  | 100 | 1    |
| 386    | Denmoza      | rhodacantha                             | JN 432  | before San Rafael City, Mendoza, Arg. 1192m   | 30  | 0,4  |
| 386,1  | Denmoza      | rhodacantha                             | JN 432  | before San Rafael City, Mendoza, Arg. 1192m   | 100 | 1    |
| 387    | Denmoza      | rhodacantha                             | JN 957  | before Malargue, Mendoza, Arg. 1465m  | 30  | 0,4  |
| 387,1  | Denmoza      | rhodacantha                             | JN 957  | before Malargue, Mendoza, Arg. 1465m  | 100 | 1    |
| 388    | Denmoza      | rhodacantha                             | JN 976  | El Manzano Historico, Mendoza, Arg. 1772m   | 30  | 0,4  |
| 388,1  | Denmoza      | rhodacantha                             | JN 976  | El Manzano Historico, Mendoza, Arg. 1772m   | 100 | 1    |
| 389    | Denmoza      | rhodacantha                             | JN 1103 | El Manzano Historico, Mendoza, Arg. 1725m   | 30  | 0,4  |
| 390    | Denmoza      | rhodacantha                             | JN 979  | Tupungato -> ruta 40, Mendoza, Arg. 1388m   | 30  | 0,4  |
| 391    | Denmoza      | rhodacantha                             | JN 999  | San José de Jachal -> Huaco, San Juan, Arg. 1124m   | 30  | 0,4  |
| 392    | Denmoza      | rhodacantha                             | JN 1097 | Rio Malargue, Mandoza, Arg. 1470m   | 30  | 0,4  |
| 392,1  | Denmoza      | rhodacantha                             | JN 1097 | Rio Malargue, Mandoza, Arg. 1470m   | 100 | 1    |
| 393    | Denmoza      | rhodacantha                             | JN 1135 | Angulos, La Rioja, Arg. 2100m   | 30  | 0,4  |
| 378    | Denmoza      | rhodacantha v. diamantina               | JN 438  | 10km before 25 de Mayo city, Mendoza, Arg. 930m   | 20  | 0,4  |
| 378,1  | Denmoza      | rhodacantha v. diamantina               | JN 438  | 10km before 25 de Mayo city, Mendoza, Arg. 930m   | 100 | 1,2  |
| 379    | Denmoza      | rhodacantha v. diamantina               | JN 971  | Presas Agua del Toro, Mendoza, Arg. 1405m   | 20  | 0,48 |
| 379,1  | Denmoza      | rhodacantha v. diamantina               | JN 971  | Presas Agua del Toro, Mendoza, Arg. 1405m   | 100 | 1,4  |
| 380    | Denmoza      | rhodacantha v. diamantina               | JN 441  | Presas Agua del Toro, Mendoza, Arg. 1386m   | 20  | 0,48 |
| 380,1  | Denmoza      | rhodacantha v. diamantina               | JN 441  | Presas Agua del Toro, Mendoza, Arg. 1386m   | 100 | 1,4  |

|        |              |                              |            |   |     |      |
|--------|--------------|------------------------------|------------|---|-----|------|
| 381    | Denmoza      | rhodacantha v. diamantina    | JN 34      | Aqua Del Toro, Mendoza, Arg. 1397m              | 20  | 0,48 |
| 381,1  | Denmoza      | rhodacantha v. diamantina    | JN 34      | Aqua Del Toro, Mendoza, Arg. 1397m              | 100 | 1,4  |
| SV0642 | Denmoza      | rhodacantha v. NOVA          | FF 7       | Los Berros, San Juan                            | 30  | 0,4  |
| 394    | Denmoza      | rhodacantha x erythrocephala | JN 475     | Cuesta de Huaco, San Juan, Arg. 1119m           | 30  | 0,4  |
| 394,1  | Denmoza      | rhodacantha x erythrocephala | JN 475     | Cuesta de Huaco, San Juan, Arg. 1119m           | 100 | 1    |
| 395    | Denmoza      | rhodacantha x erythrocephala | JN 1004    | Cuesta de Huaco - Mirador, San Juan, Arg. 1097m | 30  | 0,4  |
| SV0651 | Denmoza      | species                      | FF 16      | Pampa Vieja->El Mirador, San Juan               | 20  | 0,4  |
| N0219  | Echinocactus | horizonthalonius             | LL         | Ocampo, Coahuila                                | 10  | 1,8  |
| N0220  | Echinocactus | horizonthalonius             |            | El Hundido -> C. Cienegas, Coah                 | 10  | 1,6  |
| N0182  | Echinocactus | horizonthalonius             | Sochůrek   | Cinco de Mayo, Sierra la Concordia, Coah.       | 10  | 1,8  |
| N0151  | Echinocactus | horizonthalonius             | Krechovský | Buñuelos, Coah.                                 | 10  | 1,8  |
| N0153  | Echinocactus | horizonthalonius             |            | La Luz, NM, USA                                 | 10  | 1,8  |
| N0223  | Echinocactus | horizonthalonius             | Sochůrek   | El Pegueto, Icamole, NL                         | 10  | 1,8  |
| N0229  | Echinocactus | horizonthalonius             |            | 93km, SW of Cuatrociénegas, Coah.               | 10  | 1,8  |
| N0237  | Echinocactus | horizonthalonius             | Sochůrek   | Las Coloradas, Coahuila                         | 10  | 1,6  |
| N0460  | Echinocactus | horizonthalonius             | PC         | Cuatro Cienegas, Coahuila                       | 10  | 1,6  |
| N0238  | Echinocactus | horizonthalonius             | VM         | General Cepeda, Coah.                           | 10  | 1,8  |
| N0461  | Echinocactus | horizonthalonius             |            | Las Tablas, SLP                                 | 10  | 1,8  |
| N1627  | Echinocactus | horizonthalonius             | CH 557     | Route 30, km 163, Coah.                         | 10  | 1,6  |
| N1621  | Echinocactus | horizonthalonius             | KŠ 43      | Valle de Rosario, Chih.                         | 10  | 3    |
| N1620  | Echinocactus | horizonthalonius             | PM 1783    | castaños, Coah.                                 | 10  | 1,6  |
| N1619  | Echinocactus | horizonthalonius             | JC 1304    | Estangue Menchaca, Coah.                        | 10  | 1,6  |
| N1613  | Echinocactus | horizonthalonius             | JABO 28    | El Hundido, Coah.                               | 10  | 1,6  |
| N0221  | Echinocactus | horizonthalonius             | CZ 85      | Arteaga, Coahuila                               | 10  | 1,6  |
| N0222  | Echinocactus | horizonthalonius             | JM 191     | Texas, USA                                      | 10  | 1,6  |
| N0080  | Echinocactus | horizonthalonius             | JABO 30    | La Mesa 81km, NL                                | 10  | 1,6  |
| N0511  | Echinocactus | horizonthalonius             | JABO 328   | Boguillas de Carmen, Coahula                    | 10  | 1,8  |
| N0224  | Echinocactus | horizonthalonius             | JABO 36    | Estancia Menchaca, Coahuila                     | 10  | 1,6  |
| N0225  | Echinocactus | horizonthalonius             | JABO 37    | El Chiflon, Coahuila                            | 10  | 1,6  |
| N0082  | Echinocactus | horizonthalonius             | JABO 32    | Tula, Tamaulipas                                | 10  | 1,6  |
| N0150  | Echinocactus | horizonthalonius             | JABO 33    | Artega, Coah.                                   | 10  | 1,6  |
| N0227  | Echinocactus | horizonthalonius             | PC 30      | Cerro Blanco, Durango                           | 10  | 1,8  |
| N0228  | Echinocactus | horizonthalonius             | PC 70      | Saltillo, Coahuila                              | 10  | 1,6  |

|        |              |                  |          |                                   |    |     |
|--------|--------------|------------------|----------|-----------------------------------|----|-----|
| N0083  | Echinocactus | horizonthalonius | PC 72    | La Luz, Coahuila                  | 10 | 1,8 |
| N0230  | Echinocactus | horizonthalonius | PC 77    | El Hundido, Coahuila              | 10 | 1,6 |
| N1632  | Echinocactus | horizonthalonius | KMR 189  | La Cardona, SLP                   | 10 | 1,8 |
| N00468 | Echinocactus | horizonthalonius | KMR 74   | La Amparo                         | 10 | 1,6 |
| N0191  | Echinocactus | horizonthalonius | KMR 85   | Sierra de la Paila, Coah.         | 10 | 1,6 |
| N0084  | Echinocactus | horizonthalonius | KMR 21   | Huizache, SLP 900m                | 10 | 1,6 |
| N0085  | Echinocactus | horizonthalonius | KMR 22   | Entroque Huizache, SLP            | 10 | 1,8 |
| N0162  | Echinocactus | horizonthalonius | KMR 222  | Agua Nueva, Coah.                 | 10 | 1,6 |
| N0163  | Echinocactus | horizonthalonius | KMR 228  | Ejido Notillas, Coah.             | 10 | 1,8 |
| N0165  | Echinocactus | horizonthalonius | KMR 178  | Ejido la Muralla, SLP             | 10 | 1,6 |
| N0152  | Echinocactus | horizonthalonius | KMR 103  | Estancia Menchaca, Coah.          | 10 | 1,6 |
| N0231  | Echinocactus | horizonthalonius | KMR 82   | Estancia Marte-El Pilar, Coahuila | 10 | 1,6 |
| N1628  | Echinocactus | horizonthalonius | VZD 690  | Arroyo de Cruces, Durango         | 10 | 2,4 |
| N1629  | Echinocactus | horizonthalonius | VZD 892  | San Pablo, Durango                | 10 | 2,4 |
| N1630  | Echinocactus | horizonthalonius | VZD 571  | Alamillo, Zac.                    | 10 | 1,8 |
| N00472 | Echinocactus | horizonthalonius | VZD 390  | Rancho San Gerónimo, Coah.        | 10 | 1,8 |
| N00473 | Echinocactus | horizonthalonius | VZD 293  | Rancho La Campana, Coah.          | 10 | 2,4 |
| N00474 | Echinocactus | horizonthalonius | VZD 0063 | Saltilo- Torean km 132, Coah.     | 10 | 1,8 |
| N1622  | Echinocactus | horizonthalonius | VZD 703  | El Diamante, Chih.                | 10 | 2,4 |
| N1626  | Echinocactus | horizonthalonius | VZD 257  | NW of Cuba, Durango               | 10 | 2,4 |
| N0195  | Echinocactus | horizonthalonius | VZD 269  | Zóna de Silencio, Durango         | 10 | 1,8 |
| N0196  | Echinocactus | horizonthalonius | VZD 326  | Finlay, Texas, USA                | 10 | 1,8 |
| N0089  | Echinocactus | horizonthalonius | VZD 546  | La Morita, SLP                    | 10 | 1,8 |
| N1623  | Echinocactus | horizonthalonius | VZD 496  | Sabana Grande, Zac.               | 10 | 1,8 |
| N1624  | Echinocactus | horizonthalonius | VZD 931  | Caopas, Zac                       | 10 | 2,4 |
| N0158  | Echinocactus | horizonthalonius | VZD 395  | El Mezquite, Coah.                | 10 | 1,6 |
| N0159  | Echinocactus | horizonthalonius | VZD 787  | Tecolote, Coah.                   | 10 | 1,8 |
| N0160  | Echinocactus | horizonthalonius | VZD 471  | Piños, Zac.                       | 10 | 1,8 |
| N0187  | Echinocactus | horizonthalonius | VZD 494  | San Felipe de Peyra               | 10 | 1,8 |
| N0514  | Echinocactus | horizonthalonius | VZD 360  | Delavare Mts., Texas              | 10 | 2,4 |
| N0168  | Echinocactus | horizonthalonius | VM 641   | Los Lirios                        | 10 | 1,8 |
| N0181  | Echinocactus | horizonthalonius | VM 670   | Sierra de Texas, Coah.            | 10 | 1,8 |
| N0236  | Echinocactus | horizonthalonius | PM 24/74 | S of Cuatro Cienegas, Coahuila    | 10 | 1,6 |

|        |              |                             |            |                                     |     |     |
|--------|--------------|-----------------------------|------------|-------------------------------------|-----|-----|
| N0154  | Echinocactus | horizonthalonius            | RC 159     | San Andrés, Zac.                    | 10  | 1,6 |
| N0155  | Echinocactus | horizonthalonius            | RC 73      | San Rafael, Coah.                   | 10  | 1,6 |
| N0156  | Echinocactus | horizonthalonius            | RC 62      | El Hundido, Coah.                   | 10  | 1,6 |
| N0184  | Echinocactus | horizonthalonius            | RC 34      | Sabana Grande, Coah.                | 10  | 1,8 |
| N0185  | Echinocactus | horizonthalonius            | RC 15      | Cruces -> El Rosario, SLP           | 10  | 1,6 |
| N0513  | Echinocactus | horizonthalonius            | RC 18      | San Francisco, SLP                  | 10  | 1,8 |
| N0516  | Echinocactus | horizonthalonius            | RC 41      | JV Matamoros, Zac.                  | 10  | 1,6 |
| N1670  | Echinocactus | horizonthalonius            | RC 58      | Rancho La Virgen, Coah.             | 10  | 1,6 |
| N0517  | Echinocactus | horizonthalonius            | RC 52      | Bajio de Ahiuchila, Coahuila        | 10  | 1,6 |
| N1000  | Echinocactus | horizonthalonius            | VM 600     | Pozos, Guan.                        | 10  | 2,4 |
| N1001  | Echinocactus | horizonthalonius            | VM         | Sandia Chica                        | 10  | 2   |
| N00463 | Echinocactus | horizonthalonius            | JABO 27    | Villa Real, Coah.                   | 10  | 1,8 |
| N1631  | Echinocactus | horizonthalonius            | JABO 34    | Higueras, Coah.                     | 10  | 2   |
| N00466 | Echinocactus | horizonthalonius            |            | Tague Nuevo, Coah.                  | 10  | 2   |
| N00469 | Echinocactus | horizonthalonius            | Krechovský | Ventura, SLP                        | 10  | 1,8 |
| N00470 | Echinocactus | horizonthalonius            | Krechovský | El Pilar, Coah.                     | 10  | 1,8 |
| N00475 | Echinocactus | horizonthalonius            | IDD 57/99  | Guantemoc, Coah.                    | 10  | 1,8 |
| N0197  | Echinocactus | horizonthalonius            | ŠN 2005    | SW of Sanderson Torrel, Texas, USA  | 10  | 2   |
| N0198  | Echinocactus | horizonthalonius            | ŠN         | S of Presidio Pocos Co., Texas, USA | 10  | 2   |
| N1625  | Echinocactus | horizonthalonius            | ŠN         | Rottesnake Canyon, Eddy Co, NM      | 10  | 2   |
| N0189  | Echinocactus | horizonthalonius            | Krechovský | El Portento, Durango                | 10  | 2   |
| N0180  | Echinocactus | horizonthalonius            |            | Jazmical, Coah.                     | 10  | 2   |
| N0090  | Echinocactus | horizonthalonius v. subikii | CH 485     | E of Ejido Soledad, NL              | 10  | 1,8 |
| N0020  | Echinocactus | parryi                      | L 1372     | Ciudad Juarez, Chihuahua 1100m      | 10  | 1,8 |
| N0020  | Echinocactus | parryi                      | L 1372     | Ciudad Juarez, Chihuahua 1100m      | 100 | 14  |
| N0021  | Echinocactus | parryi                      |            | Salamayuca, Chihuahua               | 10  | 1,8 |
| SN0010 | Echinocactus | polycephalus                | AG 71      | Ligurta, AZ, USA                    | 10  | 1,8 |
| SN0013 | Echinocactus | polycephalus                | SB         | Searchlite, California              | 10  | 1,8 |
| SN0012 | Echinocactus | polycephalus                | SB         | W of New Berry Springs, California  | 10  | 1,8 |
| SN0011 | Echinocactus | polycephalus                | SNL 91     | Las Vegas, Nevada                   | 10  | 1,8 |
| 1514   | Echinocactus | polycephalus                | Lz 23      | Hoover Dam, Arizona, USA            | 10  | 1,8 |
| N0517  | Echinocactus | texensis                    | SB 980     | Chaves Co., NM                      | 20  | 0,8 |
| N0518  | Echinocactus | texensis                    | LAPPIN 3   | Culebra Bluffs NM                   | 20  | 0,8 |

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|--------|--------------|--|-------------|--|----|------|
| SN0039 | Echinocactus | xeranthomoides                           | SB          | Meadview, Arizona, USA                 | 10 | 2,4  |
| SV0889 | Echinocereus | acifer                                   | BW 235      | San Jose de las Organos, Zac           | 20 | 0,4  |
| SV0038 | Echinocereus | adustus                                  | SB 72       | Cosihuiriachi, Chih., black centrals   | 10 | 0,4  |
| SV0048 | Echinocereus | coccineus                                | SB 747      | Manzano Mts, NM, shaggy spines         | 10 | 0,4  |
| SV0049 | Echinocereus | coccineus                                | SB 747      | Manzano Mts, NM, shaggy spines         | 50 | 1    |
| SV0555 | Echinocereus | coccineus                                | AG 11       | Jarillas Mts., NM                      | 10 | 0,48 |
| SV0562 | Echinocereus | coccineus                                | SB 344      | Sandoval Co, NM                        | 10 | 0,48 |
| SV0060 | Echinocereus | coccineus                                | SB 298      | Sierra Co, NM, dense shiny spines      | 10 | 0,4  |
| SV0563 | Echinocereus | coccineus                                | SB 1631     | Taos Co, NM -23 st.                    | 10 | 0,48 |
| SV0564 | Echinocereus | coccineus                                | SB 1729     | Bluewater Lake, NM -23 st              | 10 | 0,48 |
| SV0065 | Echinocereus | coccineus                                | SB 850      | Ladron Mt, NM, husté dl. trny,         | 10 | 0,4  |
| 398    | Echinocereus | dasyacanthus                             | VZD 329     | Finlay, Hudspeth Co., Texas            | 20 | 1    |
| SN0660 | Echinocereus | dasyacanthus                             | SB 135      | Franklin Mts, TX                       | 10 | 0,56 |
| SN0661 | Echinocereus | dasyacanthus                             | SB 253      | Jarilla Mts, NM                        | 10 | 0,56 |
| SV0156 | Echinocereus | delaeitii v. freudenbergeri              | SB 1975     | Sierra El Fuste, Coah.                 | 10 | 0,72 |
| SV0157 | Echinocereus | delaeitii v. freudenbergeri – žluté trny |             |  | 10 | 0,64 |
| SV0137 | Echinocereus | endleri v. rectispinus                   | SB 461      | Luna Co,                               | 20 | 0,4  |
| SV0112 | Echinocereus | engelmannii v fasciculatus               | DJF 1095.26 | Soloman Az,                            | 10 | 0,4  |
| SV0095 | Echinocereus | engelmannii v fasciculatus               | SB 162      | Hidalgo Co, 7 cm dl. trny,             | 20 | 0,4  |
| SV0110 | Echinocereus | engelmannii v fasciculatus               | SB 1033     | Cochise Co, Az,                        | 10 | 0,4  |
| SV0111 | Echinocereus | engelmannii v fasciculatus               | SB 1776     | Dos Cabezas Mts, Az                    | 10 | 0,4  |
| SV0195 | Echinocereus | engelmannii v fasciculatus               |             | T.L., Safford, AZ,                     | 10 | 0,4  |
| SV0616 | Echinocereus | engelmannii v. acicularis                | SB 239      | Sonoita, Son, tenké hnědé trny,        | 10 | 0,4  |
| SV0108 | Echinocereus | engelmannii v. fasciculatus              | RP 124      | Sedona, Az,                            | 10 | 0,4  |
| SV0104 | Echinocereus | engelmannii v. chrysocentrus             | RP 75       | St George Ut, tm. fial. kv.            | 10 | 0,4  |
| SV0122 | Echinocereus | enneacanthus                             | SB 700      | Cuchillo, Coah,                        | 10 | 0,4  |
| SV0126 | Echinocereus | enneacanthus var. brevispinus            | SB 318      | Nueva Rosita, Coah,                    | 10 | 0,4  |
| SV0127 | Echinocereus | enneacanthus var. brevispinus            | SB 318      | Nueva Rosita, Coah,                    | 50 | 1    |
| SN0662 | Echinocereus | fendleri                                 | SB 134      | Bernalillo Co., NM                     | 10 | 0,48 |
| SV0571 | Echinocereus | fendleri                                 | DJF 367     | Guadalupe Co., NM – white spiny        | 10 | 0,48 |
| SV0572 | Echinocereus | fendleri                                 | JRT 151     | Fremont Co. CO – multicolor spiny form | 10 | 0,48 |
| SV0573 | Echinocereus | fendleri                                 | JRT 554     | haves Co., NM – big fl.                | 10 | 0,48 |
| SV0612 | Echinocereus | fendleri var. kuenzleri "hempelii        | SB 187      | Buenaventura, Chih                     | 10 | 0,48 |



|        |              |                                   |            |  |     |      |
|--------|--------------|-----------------------------------|------------|--|-----|------|
| SV0613 | Echinocereus | fendleri var. kuenzleri "hempelii | SB 193     | Buenaventura, Chih                             | 10  | 0,48 |
| SV0892 | Echinocereus | fitchii                           | DJF 1035   | Starr Co, Texas                                | 15  | 0,4  |
| SV0559 | Echinocereus | chloranthus                       | SB 506     | Dona Anna Tx,                                  | 10  | 0,4  |
| SV0054 | Echinocereus | chloracanthus var. corellii       | SB 743     | Marathon, Tx,                                  | 10  | 0,4  |
| SV0050 | Echinocereus | chloranthus v. cylindricus        | SB 57      | Otero Co, NM, červené stonky,                  | 10  | 0,4  |
| SV0051 | Echinocereus | chloranthus v. cylindricus        | SB 57      | Otero Co, NM, červené stonky,                  | 50  | 1    |
| SV0557 | Echinocereus | chloranthus v. rusanthus          | SB 864     | Brewster County, Tx                            | 10  | 0,4  |
| SV0574 | Echinocereus | knippelianus v. kruegeri          | SB 939     | Ascencion NL                                   | 10  | 0,48 |
| SV0143 | Echinocereus | ledingii                          | SB212      | Graham Co, Az,                                 | 10  | 0,4  |
| SV0575 | Echinocereus | leonensis                         |            | Higueras, Coah. – vlasatý                      | 10  | 0,48 |
| 399    | Echinocereus | leonensis                         | P 314      | Saltillo, Coahuila, Mexico                     | 20  | 0,4  |
| 399,1  | Echinocereus | leonensis                         | P 314      | Saltillo, Coahuila, Mexico                     | 100 | 1,52 |
| SV0523 | Echinocereus | nicholii                          | RS 1993    | Organ Pipe, Arizona                            | 10  | 0,48 |
| SV0113 | Echinocereus | palmerii                          | SB 184     | Buenaventura, Chih, miniature, huge purple fl, | 10  | 0,4  |
| SV0114 | Echinocereus | palmerii                          | SB 184     | Buenaventura, Chih, miniature, huge purple fl, | 50  | 1    |
| SV0888 | Echinocereus | pamanesiorum                      | PP 1039    | Tepetatita, Zacatecas                          | 20  | 0,48 |
| SV0077 | Echinocereus | pectinatus                        | RS 102     | Huasteca Canyon, NL                            | 10  | 0,4  |
| SV0887 | Echinocereus | pectinatus                        | SB 553     | Salinas, SLP, obrovské květy                   | 20  | 0,48 |
| SV0149 | Echinocereus | pectinatus v. wenigeri            | SB 1889    | Santa Theresa, Coah.                           | 10  | 0,48 |
| SV0150 | Echinocereus | pectinatus v. wenigeri            | SB 1094    | Jimenez, Chih                                  | 10  | 0,48 |
| SV0151 | Echinocereus | polyacanthus                      | SB 191     | Cosihuirachi, Chih                             | 10  | 0,4  |
| SV0152 | Echinocereus | polyacanthus                      | SB 191     | Cosihuirachi, Chih                             | 50  | 1    |
| SV0372 | Echinocereus | primolanatus                      | SB 1037    | Cuatrocienagas, tiny pink sp                   | 10  | 0,4  |
| SV0896 | Echinocereus | pulchellus ssp. sharpii           | SB 1569    | La Ascension, NL                               | 10  | 0,6  |
| SV0881 | Echinocereus | reichenbachii                     | SB 941     | Kerr Co., TX, sněhové trny, mrazuvzdorný       | 15  | 0,48 |
| SV0159 | Echinocereus | reichenbachii v. caespitosus      | DJF 801.29 | Taylor Co, Tx                                  | 10  | 0,4  |
| SV0165 | Echinocereus | reichenbachii var. Perbellus      | DJF 971.5  | Pueblo Co, CO                                  | 10  | 0,4  |
| SV0166 | Echinocereus | reichenbachii var. Perbellus      | SB 259     | Eddy Co, NM, vyšší stonky                      | 10  | 0,4  |
| SV0167 | Echinocereus | reichenbachii var. Perbellus      | SB 259     | Eddy Co, NM, vyšší stonky                      | 50  | 1    |
| SV0170 | Echinocereus | reichenbachii var. Perbellus      |            | Mason, Tx                                      | 10  | 0,4  |
| SV0172 | Echinocereus | reichenbachii var. Perbellus      |            | Potter Co, TX, šedé trny                       | 10  | 0,4  |
| SV0173 | Echinocereus | reichenbachii var. Perbellus      | SB 206     | Dallam Co, TX,                                 | 10  | 0,4  |
| SV0174 | Echinocereus | reichenbachii var. Perbellus      | SB 206     | Dallam Co, TX,                                 | 50  | 1    |

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| SV0175 | Echinocereus | reichenbachii var. Perbellus                | SB 451    | Quay Co, NM                                  | 10  | 0,4  |
| SV0176 | Echinocereus | reichenbachii var. Perbellus                | SB 451    | Quay Co, NM                                  | 50  | 1    |
| SV0179 | Echinocereus | reichenbachii var. Perbellus                | SB 2013   | Roger Mills Co, OK                           | 10  | 0,4  |
| SV0576 | Echinocereus | reichenbachii v. perbellus                  | SB 2008   | Woods Co., OK                                | 10  | 0,4  |
| SV0185 | Echinocereus | rigidissimus                                |           | Patagonia, Az, huge white-pink flowers,      | 10  | 0,4  |
| 400    | Echinocereus | russanthus ssp. Neocapillus                 | VCA 018   | Fourmile Crossing, Texas, USA (c)            | 10  | 0,6  |
| SV0199 | Echinocereus | stoloniferus                                | SB 1330   | Yecora, Son., -12°C, velký žl. Květy         | 10  | 0,4  |
| 401    | Echinocereus | straminues                                  | RS 2068   | Carlsbad, NM                                 | 10  | 0,4  |
| 402    | Echinocereus | straminues                                  | RS 2028   | Park Side Mts., Texas                        | 10  | 0,4  |
| 403    | Echinocereus | straminues                                  | RS 2024   | Elephant Mts., Texas                         | 10  | 0,4  |
| SV0178 | Echinocereus | stramineus                                  |           | Jarilla Mts, NM, very shiny spines           | 10  | 0,4  |
| 404    | Echinocereus | tayopensis                                  | L 608     | Saucito, Sonora, Mexico 1300m                | 20  | 0,4  |
| 405    | Echinocereus | tayopensis                                  | L 608     | Saucito, Sonora, Mexico 1300m                | 100 | 1,52 |
| SV0890 | Echinocereus | triglochidiatus                             | SB 300    | Corona Torrance Co, NM                       | 15  | 0,48 |
| SV0560 | Echinocereus | triglochidiatus                             | SB 104    | Sandia Mts NM                                | 10  | 0,48 |
| SV0561 | Echinocereus | triglochidiatus                             | SB 201    | Manzano Mts NM                               | 10  | 0,48 |
| SV0201 | Echinocereus | triglochidiatus                             | RP 114    | Laguna, NM, dlouze otrněná forma             | 10  | 0,4  |
| SV0203 | Echinocereus | triglochidiatus                             | DJF 1145  | Alamogordo, NM, super heavy black sp         | 10  | 0,4  |
| SV0211 | Echinocereus | triglochidiatus                             | SB 1598   | Otero Co, NM, stems over 1m tall             | 10  | 0,4  |
| SV0212 | Echinocereus | triglochidiatus                             | SB 1598   | Otero Co, NM, stems over 1m tall             | 50  | 1,44 |
| SV0221 | Echinocereus | triglochidiatus                             | SB 223    | Sandoval Co, NM, robust, heavy sp            | 10  | 0,72 |
| SV0222 | Echinocereus | triglochidiatus                             | SB 223    | Sandoval Co, NM, robust, heavy sp            | 50  | 1,44 |
| SV0064 | Echinocereus | triglochidiatus                             | RS 2119   | Jacob Lake, Ariz                             | 10  | 0,4  |
| SV0891 | Echinocereus | triglochidiatus var. mojavnensis f. inermis | SB 686    | Mesa Co, Colorado                            | 10  | 0,72 |
| SV0209 | Echinocereus | triglochidiatus v. mojavnensis f. inermis   | RP 105    | Paradox, Co                                  | 10  | 0,4  |
| SV0884 | Echinocereus | viridiflorus                                |           | Bouder Co., Colorado, citronové květy        | 10  | 0,4  |
| SV0885 | Echinocereus | viridiflorus                                | DFJ 713.1 | Larimer Co., Colorado, delší trny, mrazuvzd. | 10  | 0,4  |
| SN0663 | Echinocereus | viridiflorus                                | SB 426    | Brewster Co, Tx                              | 10  | 0,4  |
| SV0215 | Echinocereus | viridiflorus                                | SB 117    | Manzano Mts, NM                              | 10  | 0,4  |
| SV0217 | Echinocereus | viridiflorus                                | SB 872    | Saguache Co, Colorado,                       | 10  | 0,4  |
| SV0223 | Echinocereus | viridiflorus                                | RP 88     | Ft Union, NM, TL,                            | 10  | 0,4  |
| SV0233 | Echinocereus | viridiflorus                                | DJF 713.1 | Larimer Co, CO, robust stems                 | 10  | 0,4  |
| SV0234 | Echinocereus | viridiflorus                                | DJF 713.1 | Larimer Co, CO, robust stems                 | 50  | 1,44 |

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| SV0611 | Echinocereus | viridiflorus                 | DJF 1296 | Hutchinson Co, TX                              | 10  | 0,4  |
| SV0708 | Echinocereus | viridiflorus                 | DJF 1673 | Black Mesa, OK, fat stems                      | 10  | 0,48 |
| SV0129 | Echinocereus | websterianus                 | L 098    | Isla San Pedro Nolasco                         | 20  | 0,48 |
| SV0189 | Echinocereus | X roetteri                   | SB 993   | Otero Co, NM, červený květ,                    | 20  | 0,4  |
| SV0731 | Echinomastus | dasyacanthus                 | SB 81    | Sierra Co, NM, thin red stem                   | 10  | 0,88 |
| SV0732 | Echinomastus | dasyacanthus                 | SB 357   | El Paso Co, Tx, tall robust stem               | 10  | 0,88 |
| SV0733 | Echinomastus | dasyacanthus                 | SB 1709  | Organ Mts, NM, quite large stems               | 10  | 1    |
| SN0013 | Echinomastus | durangensis var. mapimiensis | SB 1090  | Mapimi, Dur                                    | 10  | 1,2  |
| SN0014 | Echinomastus | loui                         | SB 525   | Salinas, SLP, thick curved spines              | 10  | 1,2  |
| SV0915 | Echinomastus | loui                         | L 1123   | Salinas, SLP                                   | 10  | 1,2  |
| SV0916 | Echinomastus | loui                         | L 1123   | Salinas, SLP                                   | 50  | 4,4  |
| SV0734 | Echinomastus | unguispinus                  | SB 1727  | Rio Nazas, Dur, HEAVY grey spines              | 10  | 1,2  |
| 406    | Echinopsis   | ancistrophora                | OF 66-80 | Abra Santa Laura                               | 20  | 0,4  |
| 407    | Echinopsis   | ancistrophora                | JN 1202  | Trancas, Tucuman, Arg. 888m                    | 20  | 0,4  |
| 408    | Echinopsis   | ancistrophora                | JN 1177  | Alemania, Salta, Arg. 1231m                    | 20  | 0,4  |
| 409    | Echinopsis   | bolligeriana                 | JN 619   | Punta Los Lobos, Bernardo O'Higgins, 35m Chile | 20  | 0,4  |
| 409,1  | Echinopsis   | bolligeriana                 | JN 619   | Punta Los Lobos, Bernardo O'Higgins, 35m Chile | 100 | 1,4  |
| 417    | Echinopsis   | frankii                      | WR       |  | 20  | 0,24 |
| 449    | Echinopsis   | longispina                   | JN 512   | Copacabana, Catamarca, Arg. 1136m              | 20  | 0,4  |
| 449,1  | Echinopsis   | longispina                   | JN 512   | Copacabana, Catamarca, Arg. 1136m              | 100 | 1    |
| 450    | Echinopsis   | longispina                   | JN 515   | Guanchín-Loro Huasi, Catamarca, Arg. 1993m     | 20  | 0,4  |
| 450,1  | Echinopsis   | longispina                   | JN 515   | Guanchín-Loro Huasi, Catamarca, Arg. 1993m     | 100 | 1    |
| 451    | Echinopsis   | longispina                   | JN 517   | Loro Huasi, Catamarca, Arg. 2213m              | 20  | 0,4  |
| 451,1  | Echinopsis   | longispina                   | JN 517   | Loro Huasi, Catamarca, Arg. 2213m              | 100 | 1    |
| 452    | Echinopsis   | longispina                   | JN 1451  | Loro Huasi, Catamarca, Arg. 2209m              | 20  | 0,4  |
| 453    | Echinopsis   | mammilosa                    | KK 719   | Tarija, Bolivia 2400m                          | 30  | 0,4  |
| 454    | Echinopsis   | mammilosa                    | R 510    | Iruya -> Santa Victoria, Salta, Arg. 3300m     | 30  | 0,4  |
| 411    | Echinopsis   | coquimbana                   | JN 637   | Mineral de Talca, Coquimbo, 290m Chile         | 20  | 0,4  |
| 411,1  | Echinopsis   | coquimbana                   | JN 637   | Mineral de Talca, Coquimbo, 290m Chile         | 100 | 1,4  |
| 412    | Echinopsis   | deserticola                  | JN 650   | El Islon, Coquimbo, 56m Chile                  | 10  | 0,32 |
| 433    | Echinopsis   | leucantha                    | JN 36    | Tunuyan, Mendoza, Arg. 873m                    | 30  | 0,4  |
| 434    | Echinopsis   | leucantha                    | JN 41    | Pachaco, San Juan, Arg. 842m                   | 30  | 0,4  |
| 435    | Echinopsis   | leucantha                    | JN 45    | Thermas, San Juan, Arg. 707m                   | 30  | 0,4  |

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| 436    | Echinopsis | leucantha                  | JN 400    | Ciudad Neuquen, Neuquen, Arg. 304m                    | 30  | 0,4  |
| 436,1  | Echinopsis | leucantha                  | JN 400    | Ciudad Neuquen, Neuquen, Arg. 304m                    | 100 | 0,72 |
| 437    | Echinopsis | leucantha                  | JN 452    | Afte Cacheuta, Mendoza, Arg. 1541m                    | 30  | 0,4  |
| 438    | Echinopsis | leucantha                  | JN 476    | Cuesta de Huaco, San Juan, Arg. 1119m                 | 30  | 0,4  |
| 439    | Echinopsis | leucantha                  | JN 500    | El Retiro, La Rioja, Arg. 943m                        | 30  | 0,4  |
| 440    | Echinopsis | leucantha                  | JN 440    | 25 de Mayo-Aqua del Toro, Mendoza, Arg. 880m          | 30  | 0,4  |
| 447    | Echinopsis | leucantha                  | JN 88     | Quilmes, Catamarca, Arg. 1810m                        | 30  | 0,4  |
| 448    | Echinopsis | leucantha                  | JN 109    | Villa Tulumba, Córdoba, Arg. 911m                     | 30  | 0,4  |
| 418    | Echinopsis | leucantha                  | JN 944    | Choele Choel, Rio Negro, Arg. 139m                    | 30  | 0,4  |
| 419    | Echinopsis | leucantha                  | JN 947    | Chimpay, Rio Negro, Arg. 167m                         | 30  | 0,4  |
| 420    | Echinopsis | leucantha                  | JN 985    | Los Berros, Arg. 700m                                 | 30  | 0,4  |
| 421    | Echinopsis | leucantha                  | JN 1003   | Cuesta de Huaco – Mirador, San Juan, Arg. 1097m       | 30  | 0,4  |
| 422    | Echinopsis | leucantha                  | JN 1434   | Huaco-mirador, San Juan, Arg. 1124m                   | 30  | 0,4  |
| 423    | Echinopsis | leucantha                  | JN 1115   | Termas la Laja, San Juan, Arg. 671m                   | 30  | 0,4  |
| 423,1  | Echinopsis | leucantha                  | JN 1115   | Termas la Laja, San Juan, Arg. 671m                   | 100 | 0,72 |
| 424    | Echinopsis | leucantha                  | JN 1120   | Laguna la Cienaga, San Juan, Arg. 1140m               | 30  | 0,4  |
| 424,1  | Echinopsis | leucantha                  | JN 1120   | Laguna la Cienaga, San Juan, Arg. 1140m               | 100 | 0,72 |
| 425    | Echinopsis | leucantha                  | JN 1123   | NP Talampaya, La Rioja, Arg. 1383m                    | 30  | 0,4  |
| 426    | Echinopsis | leucantha                  | JN 1224   | ruta 3 a Sierra Grande, Rio Negro, Arg. 148m          | 30  | 0,4  |
| 426,1  | Echinopsis | leucantha                  | JN 1224   | ruta 3 a Sierra Grande, Rio Negro, Arg. 148m          | 100 | 0,72 |
| 427    | Echinopsis | leucantha                  | JN 1147   | Rio Belen, Catamarca, Arg. 1613m                      | 30  | 0,4  |
| 428    | Echinopsis | leucantha                  | JN 1370   | La Japonessa -> Chelforo, Rio Negro, Arg              | 30  | 0,4  |
| 429    | Echinopsis | leucantha                  | JN 1419   | Los Reunyos, Mendoza, Ag. 884m                        | 30  | 0,4  |
| 430    | Echinopsis | leucantha                  | JN 1462   | San Blas – Posada San Jorge, La Rioja, Arg. 962m      | 30  | 0,4  |
| SV0849 | Echinopsis | leucantha                  | KA 16/53B | Corralito - San Carlos, Salta                         | 20  | 0,2  |
| SV0824 | Echinopsis | leucantha                  | KA 16/32B | Cuesta de Sebillá, LR                                 | 20  | 0,2  |
| SV0836 | Echinopsis | leucantha                  | KA 16/48C | Amaicha - Ruinas del Quilmes, Tuc.                    | 20  | 0,2  |
| SV0843 | Echinopsis | leucantha                  | KA 16/50C | Gruta San Cayetano, Tuc.                              | 20  | 0,2  |
| SV0865 | Echinopsis | leucantha                  | KA 16/89C | Cafayate - Belen, Cat.                                | 20  | 0,2  |
| SV0867 | Echinopsis | leucantha                  | KA 16/105 | 4 km před Chilecito, LR                               | 20  | 0,2  |
| SV0846 | Echinopsis | leucantha x pasacana       | KA 16/52  | Quebrada de Las Conchas, Salta                        | 20  | 0,2  |
| 431    | Echinopsis | leucantha-long black spiny | JN 1470   | 4km before Termas Santa Teresita, La Rioja, Arg. 727m | 20  | 0,4  |
| 432    | Echinopsis | leucantha-very small form  | JN 1482   | Salinas Grandes, Catamarca, Arg. 198m                 | 30  | 0,4  |

|       |            |                           |         |  |     |      |
|-------|------------|---------------------------|---------|--|-----|------|
| 441   | Echinopsis | leucantha (pink flower)   | JN 443  | Zapata, Mendoza, Arg. 870m   | 30  | 0,4  |
| 442   | Echinopsis | leucantha (small form)    | JN 455  | Uspallata, Mendoza, Arg. 1987m   | 20  | 0,4  |
| 444   | Echinopsis | leucantha x longispina    | JN 49   | San Juan De Jachal, Arg. 1126m   | 20  | 0,4  |
| 444,1 | Echinopsis | leucantha x longispina    | JN 49   | San Juan De Jachal, Arg. 1126m   | 100 | 1,2  |
| 445   | Echinopsis | leucantha x longispina    | JN 505  | Estancia Mazan, La Rioja, Arg. 624m  | 20  | 0,4  |
| 446   | Echinopsis | leucantha x longispina    | JN 528  | San Fernando, Catamarca, Arg. 1606m  | 20  | 0,4  |
| 446,1 | Echinopsis | leucantha x longispina    | JN 528  | San Fernando, Catamarca, Arg. 1606m  | 100 | 0,88 |
| 443   | Echinopsis | leucantha-longispina      | JN 1034 | Quebrada de Mazan, La Rioja, Arg. 597m   | 30  | 0,4  |
| 413   | Echinopsis | rhodotricha ssp. Chacoana | P 433   | Cerro Leon, Paraguay   | 20  | 0,48 |
| 413,1 | Echinopsis | rhodotricha ssp. Chacoana | P 433   | Cerro Leon, Paraguay   | 100 | 1,6  |
| 480   | Eriosyce   | aurata-rusty form         | JN 1244 | before El Pangué, Coquimbo, 1258m Chile  | 10  | 0,6  |
| 467   | Eriosyce   | aurata                    | JN 174  | Puente de Urbina, Valparaiso, Chile 1601 m                                       | 10  | 0,4  |
| 467,1 | Eriosyce   | aurata                    | JN 174  | Puente de Urbina, Valparaiso, Chile 1601 m                                       | 100 | 2,6  |
| 468   | Eriosyce   | aurata                    | JN 175  | off road Los Ventisqueros , left small valley near house, Valparaiso             | 10  | 0,4  |
| 468,1 | Eriosyce   | aurata                    | JN 175  | off road Los Ventisqueros , left small valley near house, Valparaiso             | 100 | 2,6  |
| 469   | Eriosyce   | aurata                    | JN 176  | off road Los Ventisqueros , top first hill, Valparaiso, Chile 1635 m             | 10  | 0,4  |
| 469,1 | Eriosyce   | aurata                    | JN 176  | off road Los Ventisqueros , top first hill, Valparaiso, Chile 1635 m             | 100 | 2,6  |
| 470   | Eriosyce   | aurata                    | JN 177  | off road Los Ventisqueros , top second hill near antenna, Valparaiso, Chile 1672 | 10  | 0,4  |
| 470,1 | Eriosyce   | aurata                    | JN 177  | off road Los Ventisqueros , top second hill near antenna, Valparaiso, Chile 1672 | 100 | 2,6  |
| 471   | Eriosyce   | aurata                    | JN 178  | Juncal, Valparaiso, Chile 1756 m   | 10  | 0,4  |
| 471,1 | Eriosyce   | aurata                    | JN 178  | Juncal, Valparaiso, Chile 1756 m   | 100 | 2,6  |
| 472   | Eriosyce   | aurata                    | JN 180  | Highway Guardia Vieja - Portillo , directly near river, Valparaiso, Chile 1748 m | 10  | 0,4  |
| 473   | Eriosyce   | aurata                    | JN 181  | Cobertilo, Valparaiso, Chile 1772 m  | 10  | 0,4  |
| 473,1 | Eriosyce   | aurata                    | JN 181  | Cobertilo, Valparaiso, Chile 1772 m  | 100 | 2,6  |
| 474   | Eriosyce   | aurata                    | JN 752  | 2km S of Puente Hornillos, Valparaiso, 1592m, Chile                              | 10  | 0,4  |
| 474,1 | Eriosyce   | aurata                    | JN 752  | 2km S of Puente Hornillos, Valparaiso, 1592m, Chile                              | 100 | 2,6  |
| 475   | Eriosyce   | aurata                    | JN 753  | 5km S of Saladillo, Valparaiso, 1610m, Chile                                     | 10  | 0,4  |
| 475,1 | Eriosyce   | aurata                    | JN 753  | 5km S of Saladillo, Valparaiso, 1610m, Chile                                     | 100 | 2,6  |
| 477   | Eriosyce   | aurata                    | JN 1238 | Rivadavia, Coquimbo, 86m Chile   | 10  | 0,4  |

|       |          |                                    |         |   |     |      |
|-------|----------|------------------------------------|---------|---|-----|------|
| 477,1 | Eriosyce | aurata                             | JN 1241 | Agricola Copequen-privat campo, Coquimbo, 1097m Chile               | 10  | 0,4  |
| 478   | Eriosyce | aurata                             | JN 1241 | Agricola Copequen-privat campo, Coquimbo, 1097m Chile               | 100 | 3    |
| 476   | Eriosyce | aurata – gold spiny form           | JN 1364 | Los Ventisqueros, Valparaiso, 1609m Chile                           | 10  | 0,6  |
| 476,1 | Eriosyce | aurata – gold spiny form           | JN 1364 | Los Ventisqueros, Valparaiso, 1609m Chile                           | 100 | 4,8  |
| 483   | Eriosyce | aurata-creme spiny form            | JN 1251 | Seron, Coquimbo, 1029m Chile  | 10  | 0,6  |
| 479   | Eriosyce | aurata-dark form                   | JN 1243 | 5km S of Vicuña, Coquimbo, 756m Chile                               | 10  | 0,4  |
| 481   | Eriosyce | aurata-gold spiny form LUXUS!      | JN 1245 | Rancho El Pangué-privat, Coquimbo, 1711m Chile                      | 10  | 0,72 |
| 481,1 | Eriosyce | aurata-gold spiny form LUXUS!      | JN 1245 | Rancho El Pangué-privat, Coquimbo, 1711m Chile                      | 100 | 5,96 |
| 483   | Eriosyce | aurata-gold/black spiny form       | JN 1248 | before Hurtado, Coquimbo, 1729m Chile                               | 10  | 0,6  |
| 483,1 | Eriosyce | aurata-gold/black spiny form       | JN 1248 | before Hurtado, Coquimbo, 1729m Chile                               | 100 | 5    |
| 482   | Eriosyce | aurata-gold/brown spiny form       | JN 1247 | Puente Arenal, Coquimbo, 1631m Chile                                | 10  | 0,6  |
| 482,1 | Eriosyce | aurata-gold/brown spiny form       | JN 1247 | Puente Arenal, Coquimbo, 1631m Chile                                | 100 | 5    |
| 484   | Eriosyce | aurata-long hard gold spiny LUXUS! | JN 1249 | Mirador El Portezuelo, Coquimbo, 1986m Chile                        | 10  | 0,72 |
| 484,1 | Eriosyce | aurata-long hard gold spiny LUXUS! | JN 1249 | Mirador El Portezuelo, Coquimbo, 1986m Chile                        | 100 | 6    |
| 482   | Eriosyce | aurata-long hard gold spiny LUXUS! | JN 1250 | tres Cruces, Coquimbo, 2010m Chile                                  | 10  | 0,72 |
| 482,1 | Eriosyce | aurata-long hard gold spiny LUXUS! | JN 1250 | tres Cruces, Coquimbo, 2010m Chile                                  | 100 | 5,96 |
| 463   | Eriosyce | aurata v. algarrobensis            | JN 1270 | Mina Algarrobo, Atacama, 564m Chile                                 | 10  | 1,2  |
| 465   | Eriosyce | aurata v. spinibarbis              | JN 1338 | cream white coloured spiny EXTRA!, Mina Felix, Atacama, 1414m       | 10  | 1,2  |
| 466   | Eriosyce | aurata v. spinibarbis              | JN 795  | SUPER!, Cerro Altar, Atacama, 1379m Chile                           | 10  | 1,2  |
| 464   | Eriosyce | aurata v. spinibarbis              | JN 666  | cream white coloured spiny EXTRA!, Mina Felix, Atacama, 1380m Chile | 10  | 1,2  |
| 461   | Eriosyce | ausseliana                         | KR 38   | Incahuasi, Chile  | 10  | 0,6  |
| 461,1 | Eriosyce | ausseliana                         | JN 1344 | Incahuasi, Atacama, 871m Chile                                      | 10  | 0,8  |
| 462   | Eriosyce | ausseliana                         | JN 1344 | Incahuasi, Atacama, 871m Chile                                      | 100 | 5,96 |
| 484   | Eriosyce | ceratistes                         | JN 1351 | Monte Patria, Coquimbo, 441m Chile                                  | 10  | 0,48 |
| 484,1 | Eriosyce | ceratistes                         | JN 1351 | Monte Patria, Coquimbo, 441m Chile                                  | 100 | 3,96 |
| 485   | Eriosyce | ceratistes                         | JN 1252 | Samo Alto -> cuesta Andacollo, Coquimbo, 723, Chile                 | 10  | 0,48 |
| 485,1 | Eriosyce | ceratistes                         | JN 1252 | Samo Alto -> cuesta Andacollo, Coquimbo, 723, Chile                 | 100 | 3,96 |
| 486   | Eriosyce | ceratistes                         | JN 1253 | Cuesta de Piedra, Coquimbo, 820m Chile                              | 10  | 0,48 |
| 486,1 | Eriosyce | ceratistes                         | JN 1253 | Cuesta de Piedra, Coquimbo, 820m Chile                              | 100 | 3,96 |
| 487   | Eriosyce | ceratistes                         | JN 875  | Cerro La Parva, Coquimbo, 1000m Chile                               | 10  | 0,4  |
| 487,1 | Eriosyce | ceratistes                         | JN 875  | Cerro La Parva, Coquimbo, 1000m Chile                               | 100 | 2,6  |
| 488   | Eriosyce | ceratistes                         | JN 876  | Churumata, Coquimbo, 1049m Chile                                    | 10  | 0,4  |

|       |          |                                |         |   |     |      |
|-------|----------|--------------------------------|---------|---|-----|------|
| 491   | Eriosyce | ceratistes                     | JN 738  | Corral Quernado, Coquimbo, 808m Chile   | 10  | 0,6  |
| 491,1 | Eriosyce | ceratistes                     | JN 738  | Corral Quernado, Coquimbo, 808m Chile   | 100 | 3,96 |
| 488,1 | Eriosyce | ceratistes - black spiny form  | JN 876  | Churrumata, Coquimbo, 1049m Chile   | 100 | 2,6  |
| 489   | Eriosyce | ceratistes - black spiny form  | JN 877  | Andacollo -> Samo Alto, Coquimbo, 715m Chile  | 10  | 0,4  |
| 489,1 | Eriosyce | ceratistes - black spiny form  | JN 877  | Andacollo -> Samo Alto, Coquimbo, 715m Chile  | 100 | 2,6  |
| 490   | Eriosyce | ceratistes - black spiny form  | JN 878  | Andacollo - > Samo Alto II, Coquimbo, 699m Chile  | 10  | 0,4  |
| 490,1 | Eriosyce | ceratistes - black spiny form  | JN 878  | Andacollo - > Samo Alto II, Coquimbo, 699m Chile  | 100 | 2,6  |
| 492   | Eriosyce | ceratistes ssp. Combarbalensis | JN 885  | Pama Bajo, Coquimbo, 986m Chile   | 10  | 0,4  |
| 492,1 | Eriosyce | ceratistes ssp. Combarbalensis | JN 885  | Pama Bajo, Coquimbo, 986m Chile   | 100 | 2,36 |
| 493   | Eriosyce | ceratistes ssp. Combarbalensis | JN 1357 | Pama Bajo, Coquimbo, 991m Chile   | 10  | 0,48 |
| 493,1 | Eriosyce | ceratistes ssp. Combarbalensis | JN 1357 | Pama Bajo, Coquimbo, 991m Chile   | 100 | 3,16 |
| 494   | Eriosyce | ceratistes ssp. Combarbalensis | JN 1358 | Rio Combarbala, Coquimbo, 975m Chile  | 10  | 0,48 |
| 494,1 | Eriosyce | ceratistes ssp. Combarbalensis | JN 1358 | Rio Combarbala, Coquimbo, 975m Chile  | 100 | 3,16 |
| 495   | Eriosyce | ceratistes ssp. Combarbalensis | JN 1359 | Ramaditas, Coquimbo, 1055m Chile  | 10  | 0,48 |
| 496   | Eriosyce | ceratistes ssp. Combarbalensis | JN 886  | Rio Combarbala, Coquimbo, 1015m Chile   | 10  | 0,48 |
| 496,1 | Eriosyce | ceratistes ssp. Combarbalensis | JN 886  | Rio Combarbala, Coquimbo, 1015m Chile   | 100 | 2,36 |
| 497   | Eriosyce | ceratistes ssp. Combarbalensis | JN 887  | Observatorio Cruz del Sur Combarbala, Coquimbo, 967m Chile                                      | 10  | 0,4  |
| 497,1 | Eriosyce | ceratistes ssp. Combarbalensis | JN 887  | Observatorio Cruz del Sur Combarbala, Coquimbo, 967m Chile                                      | 100 | 2,36 |
| 498   | Eriosyce | ceratistes ssp. Combarbalensis | JN 889  | before Puente Lana, Coquimbo, 998m Chile  | 10  | 0,4  |
| 498,1 | Eriosyce | ceratistes ssp. Combarbalensis | JN 889  | before Puente Lana, Coquimbo, 998m Chile  | 100 | 2,36 |
| 499   | Eriosyce | ceratistes ssp. Combarbalensis | JN 214  | Pama Bajo, Coquimbo, Chile 968m   | 10  | 0,4  |
| 499,1 | Eriosyce | ceratistes ssp. Combarbalensis | JN 214  | Pama Bajo, Coquimbo, Chile 968m   | 100 | 2,36 |
| 500   | Eriosyce | ceratistes ssp. Combarbalensis | JN 215  | off road Sierra Combarbala I. right side down near old road, Coquimbo, Chile 953m               | 10  | 0,4  |
| 500,1 | Eriosyce | ceratistes ssp. Combarbalensis | JN 215  | off road Sierra Combarbala I. right side down near old road, Coquimbo, Chile 953m               | 100 | 2,36 |
| 501   | Eriosyce | ceratistes ssp. Combarbalensis | JN 216  | off road Sierra Combarbala I. left side in first hill, Coquimbo, Chile 977m                     | 10  | 0,4  |
| 502   | Eriosyce | ceratistes ssp. Combarbalensis | JN 217  | off road Sierra Combarbala I. in top first hill near house with satellite, Coquimbo, Chile 984m | 10  | 0,4  |
| 502,1 | Eriosyce | ceratistes ssp. Combarbalensis | JN 217  | off road Sierra Combarbala I. in top first hill near house with satellite, Coquimbo, Chile 984m | 100 | 2,36 |
| 503   | Eriosyce | ceratistes ssp. Combarbalensis | JN 218  | off road Sierra Combarbala II. 4 km from first place, Coquimbo, Chile 977m                      | 10  | 0,4  |
| 504   | Eriosyce | ceratistes x sandillon         | JN 228  | Sierra Telahuén off road up small private indios house, Coquimbo, Chile 1394m                   | 10  | 0,4  |

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|-------|----------|--|--------|--|-----|------|
| 504,1 | Eriosyce | ceratistes x sandillon                       | JN 228 | Sierra Telahuén off road up small private indios house, Coquimbo, Chile 1394m  | 100 | 2,36 |
| 505   | Eriosyce | ceratistes x sandillon                       | JN 229 | Sierra Telahuén off road in very high rockie right hill, Coquimbo, Chile 1399m   | 10  | 0,4  |
| 506   | Eriosyce | ceratistes x sandillon                       | JN 230 | Sierra Telahuén off road near turning in next westside valley, Coquimbo, Chile 1381m   | 10  | 0,4  |
| 507   | Eriosyce | ihotzkeyanea                                 | JN 639 | Laguna Lorenzo Paral, Coquimbo, 464m Chile   | 10  | 0,4  |
| 508   | Eriosyce | ihotzkeyanea (jorgensis)-robust compact stem | JN 375 | Highway NP Fray Jorge - turning off road Llaguna En Lorenzo Peralta Punilla left small hill directly up road, Coquimbo, Chile 279m | 10  | 0,4  |
| 508,1 | Eriosyce | ihotzkeyanea (jorgensis)-robust compact stem | JN 375 | Highway NP Fray Jorge - turning off road Llaguna En Lorenzo Peralta Punilla left small hill directly up road, Coquimbo, Chile 279m | 100 | 2,36 |
| 509   | Eriosyce | ihotzkeyanea (jorgensis)                     | JN 376 | Highway Fray Jorge - off road Llaguna En Lorenzo Peralta Punilla right side bellow in small house, Coquimbo, Chile 269m            | 10  | 0,4  |
| 509,1 | Eriosyce | ihotzkeyanea (jorgensis)                     | JN 376 | Highway Fray Jorge - off road Llaguna En Lorenzo Peralta Punilla right side bellow in small house, Coquimbo, Chile 269m            | 100 | 2,36 |
| 510   | Eriosyce | ihotzkeyanea (jorgensis)                     | JN 377 | Comuna Lorenzo Peralta, Coquimbo, Chile 283m   | 10  | 0,4  |
| 510,1 | Eriosyce | ihotzkeyanea (jorgensis)                     | JN 377 | Comuna Lorenzo Peralta, Coquimbo, Chile 283m   | 100 | 2,36 |
| 511   | Eriosyce | ihotzkeyanea (jorgensis)                     | JN 382 | Peral Ojo de Agua left rockie low canyon part between hills, Coquimbo, Chile 475m  | 10  | 0,4  |
| 511,1 | Eriosyce | ihotzkeyanea (jorgensis)                     | JN 382 | Peral Ojo de Agua left rockie low canyon part between hills, Coquimbo, Chile 475m  | 100 | 2,36 |
| 512   | Eriosyce | ihotzkeyanea (jorgensis)                     | JN 383 | Peral Ojo de Agua left side rockie hill cca 500 m behind first place, Coquimbo, Chile 483m   | 10  | 0,4  |
| 512,1 | Eriosyce | ihotzkeyanea (jorgensis)                     | JN 383 | Peral Ojo de Agua left side rockie hill cca 500 m behind first place, Coquimbo, Chile 483m   | 100 | 2,36 |
| 513   | Eriosyce | ihotzkeyanea (jorgensis)                     | JN 384 | Peral Ojo de Agua left rockie canyon between hills - in top part canyon, Coquimbo, Chile 499m                                      | 10  | 0,4  |
| 513,1 | Eriosyce | ihotzkeyanea (jorgensis)                     | JN 384 | Peral Ojo de Agua left rockie canyon between hills - in top part canyon, Coquimbo, Chile 499m                                      | 100 | 2,36 |
| 514   | Eriosyce | ihotzkeyanea (jorgensis)                     | JN 385 | Ejido La Rayan left hill before indian house, Coquimbo, Chile 360 m  | 10  | 0,4  |
| 514,1 | Eriosyce | ihotzkeyanea (jorgensis)                     | JN 385 | Ejido La Rayan left hill before indian house, Coquimbo, Chile 360 m  | 100 | 2,36 |
| 517   | Eriosyce | ihotzkeyanea (jorgensis)                     | JN 388 | Ejido La Rayan right hill behind indian house  | 10  | 0,4  |
| 517,1 | Eriosyce | ihotzkeyanea (jorgensis)                     | JN 388 | Ejido La Rayan right hill behind indian house  | 100 | 2,36 |



|       |          |   |         |   |     |      |
|-------|----------|---|---------|---|-----|------|
| 518   | Eriosyce | ihotzkeyanea (jorgensis)                                  | JN 389  | Quebrada de Indio Valley - left side bellow into large canyon, Coquimbo, Chile 331m   | 10  | 0,4  |
| 518,1 | Eriosyce | ihotzkeyanea (jorgensis)                                  | JN 389  | Quebrada de Indio Valley - left side bellow into large canyon, Coquimbo, Chile 331m   | 100 | 2,36 |
| 519   | Eriosyce | ihotzkeyanea (jorgensis)                                  | JN 390  | Quebrada de Indio Valley - right side into white hight hill, Coquimbo, Chile 355m     | 10  | 0,4  |
| 519,1 | Eriosyce | ihotzkeyanea (jorgensis)                                  | JN 390  | Quebrada de Indio Valley - right side into white hight hill, Coquimbo, Chile 355m     | 100 | 2,36 |
| 520   | Eriosyce | ihotzkeyanea (jorgensis)                                  | JN 763  | 5km W of Buenos Aires, Coquimbo, 292m, Chile  | 10  | 0,4  |
| 520,1 | Eriosyce | ihotzkeyanea (jorgensis)                                  | JN 763  | 5km W of Buenos Aires, Coquimbo, 292m, Chile  | 100 | 2,36 |
| 521   | Eriosyce | ihotzkeyanea (jorgensis)                                  | JN 766  | Hornitos, Coquimbo, 259m, Chile   | 10  | 0,4  |
| 521,1 | Eriosyce | ihotzkeyanea (jorgensis)                                  | JN 766  | Hornitos, Coquimbo, 259m, Chile   | 100 | 2,36 |
| 522   | Eriosyce | ihotzkeyanea (jorgensis)                                  | JN 767  | Valle Rio Limari, Coquimbo, 292m, Chile   | 10  | 0,4  |
| 522,1 | Eriosyce | ihotzkeyanea (jorgensis)                                  | JN 767  | Valle Rio Limari, Coquimbo, 292m, Chile   | 100 | 2,36 |
| 523   | Eriosyce | ihotzkeyanea (jorgensis)                                  | JN 768  | Cerro Quiscudo, Coquimbo, 301m, Chile   | 10  | 0,4  |
| 523,1 | Eriosyce | ihotzkeyanea (jorgensis)                                  | JN 768  | Cerro Quiscudo, Coquimbo, 301m, Chile   | 100 | 2,36 |
| 524   | Eriosyce | ihotzkeyanea (jorgensis)                                  | JN 1231 | Laguna Lorenzo Paral, Coquimbo, 293m Chile  | 10  | 0,4  |
| 524,1 | Eriosyce | ihotzkeyanea (jorgensis)                                  | JN 1231 | Laguna Lorenzo Paral, Coquimbo, 293m Chile  | 100 | 3    |
| 525   | Eriosyce | ihotzkeyanea (jorgensis)                                  | JN 1232 | Hornitos – privat granja, Coquimbo, 261m Chile  | 10  | 0,4  |
| 525,1 | Eriosyce | ihotzkeyanea (jorgensis)                                  | JN 1232 | Hornitos – privat granja, Coquimbo, 261m Chile  | 100 | 3    |
| 515   | Eriosyce | ihotzkeyanea (jorgensis)-light yellow spines              | JN 386  | Ejido La Rayan right side small riverbed across to indian house, Coquimbo, Chile 351m | 10  | 0,4  |
| 515,1 | Eriosyce | ihotzkeyanea (jorgensis)-light yellow spines              | JN 386  | Ejido La Rayan right side small riverbed across to indian house, Coquimbo, Chile 351m | 100 | 2,36 |
| 516   | Eriosyce | ihotzkeyanea (jorgensis)-light yellow spines              | JN 387  | Ejido La Rayan left next hill behind indian house, Coquimbo, Chile 369m               | 10  | 0,4  |
| 516,1 | Eriosyce | ihotzkeyanea (jorgensis)-light yellow spines              | JN 387  | Ejido La Rayan left next hill behind indian house, Coquimbo, Chile 369m               | 100 | 2,36 |
| 526   | Eriosyce | megacarpa   | JN 729  | Quebrada El Leon, Atacama, 849m Chile   | 10  | 1,2  |
| 527   | Eriosyce | megacarpa   | JN 824  | Quebrada Guamanga, Atacama, 847m Chile  | 10  | 1,2  |
| 529   | Eriosyce | megacarpa   | JN 1333 | camino a Carrera Pinto, Atacama, 309m Chile   | 10  | 1,2  |
| 529,1 | Eriosyce | megacarpa   | JN 1333 | camino a Carrera Pinto, Atacama, 309m Chile   | 100 | 9,96 |
| 530   | Eriosyce | megacarpa   | JN 1334 | camino a Mina Manto Verde, Atacama, 178m Chile  | 10  | 1,2  |
| 530,1 | Eriosyce | megacarpa   | JN 1334 | camino a Mina Manto Verde, Atacama, 178m Chile  | 100 | 9,96 |
| 540   | Eriosyce | sandillon-ORIGIN TAXON (extra long gold-brilliant spines) | JN 247  | off road private Cochiguaz Valley up river, Coquimbo, Chile 1764m                     | 10  | 0,6  |

|        |           |  |            |   |     |      |
|--------|-----------|--|------------|---|-----|------|
| 540,1  | Eriosyce  | sandillon-ORIGIN TAXON (extra long gold-brilliant spines)                | JN 247     | off road private Cochiguaz Valley up river, Coquimbo, Chile 1764m                           | 100 | 3,96 |
| 541    | Eriosyce  | sandillon-ORIGIN TAXON (extra long gold-brilliant spines, mountain form) | JN 248     | off road private Cochiguaz Valley near camp Ejido Cochiguaz, Coquimbo, Chile 1758m          | 10  | 0,6  |
| 541,1  | Eriosyce  | sandillon-ORIGIN TAXON (extra long gold-brilliant spines, mountain form) | JN 248     | off road private Cochiguaz Valley near camp Ejido Cochiguaz, Coquimbo, Chile 1758m          | 100 | 3,96 |
| 542    | Eriosyce  | sandillon-ORIGIN TAXON (extra long gold-brilliant spines, mountain form) | JN 249     | off road Cochiguaz Valley directly in riverbed before top way point, Coquimbo, Chile 1753m  | 10  | 0,6  |
| 542,1  | Eriosyce  | sandillon-ORIGIN TAXON (extra long gold-brilliant spines, mountain form) | JN 249     | off road Cochiguaz Valley directly in riverbed before top way point, Coquimbo, Chile 1753m  | 100 | 3,96 |
| 539    | Eriosyce  | sandillon-ORIGIN TAXON (super extra gold-brilliant spines)               | JN 246     | off road Rio Elqui - Hacienda Los Andes - Vicuna - 13 km up hacienda, Coquimbo, Chile 1896m | 10  | 0,6  |
| 539,1  | Eriosyce  | sandillon-ORIGIN TAXON (super extra gold-brilliant spines)               | JN 246     | off road Rio Elqui - Hacienda Los Andes - Vicuna - 13 km up hacienda, Coquimbo, Chile 1896m | 100 | 3,96 |
| 535    | Eriosyce  | sp. NOVA (ceratistes x sandillon)  | JN 237     | off road Sierra Pichasca - Rio Hurtado II., Coquimbo, Chile 880m                            | 10  | 0,6  |
| 536    | Eriosyce  | sp. NOVA (ceratistes x sandillon)  | JN 239     | Charañ, Coquimbo, Chile 896m  | 10  | 0,6  |
| 537    | Eriosyce  | sp. NOVA (ceratistes x sandillon)  | JN 241     | Alto Buey-Minas Cu, Coquimbo, Chile 1076m   | 10  | 0,6  |
| 533    | Eriosyce  | sp. NOVA (mimiaturka)  | JN 231     | Highway Samo Alto – Pichasca, Coquimbo, Chile 636m  | 10  | 0,6  |
| 534    | Eriosyce  | sp. NOVA (mimiaturka)  | JN 234     | off road Mina El Espinal, Coquimbo, Chile 728m  | 10  | 0,6  |
| 538    | Eriosyce  | sp. NOVA (sandillon f. minima)   | JN 243     | Morrilos, Coquimbo, Chile 1099m   | 10  | 0,6  |
| 531    | Eriosyce  | species (discus figure)  | JN 737     | Andacolla-Samo Alto, Coquimbo, 1016m Chile  | 10  | 0,6  |
| 532    | Eriosyce  | species-black epidermis, black spiny form LUXUS!                         | JN 1346    | Posada Las Vegas, Atacama, 501m Chile   | 10  | 1    |
| SV0903 | Escobaria | henricksonii   | MZ 754     | Escalon, Chih,  | 10  | 0,4  |
| SV0907 | Escobaria | hesteri  | SB 430     | Brewster Co, Tx, nádherné květy   | 15  | 0,4  |
| SV0908 | Escobaria | missouriensis  | SB 205     | Sandoval Co, NM, plně mrazuvzdorná  | 10  | 0,8  |
| SV0910 | Escobaria | missouriensis  | SB         | Montgomery Co., Kansas, mrazuvzdorná, velké květy   | 10  | 1    |
| SV0904 | Escobaria | robertii   | LX 184     | Canyon Potrero Chico, NL  | 15  | 0,48 |
| SV0906 | Escobaria | sneedii  | SB 730     | Eddy Co., NM, mrazuvzdorná  | 10  | 0,64 |
| SV0909 | Escobaria | sneedii var. leei  | SB 397     | Eddy Co., NM  | 10  | 0,72 |
| SV0905 | Escobaria | spec.  | RS 587     | Monclova, Coahuila  | 15  | 0,4  |
| SV0878 | Escobaria | vivipara   | SB 209     | Knox Co., Nevada  | 15  | 0,4  |
| SV0879 | Escobaria | vivipara   | DJF 801.42 | Taylor Co., TX, mrazuvzdorná  | 15  | 0,4  |
| SV0877 | Escobaria | vivipara v. arizonica  | SB 701     | Bernalillo Co., NM  | 15  | 0,4  |
| SV0873 | Escobaria | vivipara v. kaibabensis  | SB 383     | Howard Co., obrovské růžové květy   | 15  | 0,4  |
| SV0872 | Escobaria | vivipara v. neomexicana  | SB 129     | Manzano Mts., NM  | 15  | 0,4  |

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| SV0874 | Escobaria | vivipara v. neomexicana | SB 721  | El Paso Co., TX  | 15  | 0,4  |
| SV0875 | Escobaria | vivipara v. neomexicana | SB 169  | Santa Fé, NM   | 15  | 0,4  |
| SV0876 | Escobaria | vivipara v. radiosa     | SB 926  | Kerr Co., TX   | 15  | 0,4  |
| SV0404 | Escobaria | zilziana                | LX 272  | Valle San Marcos, Coahuila                               | 10  | 0,4  |
| SV0902 | Escobaria | zilziana                | SB 603  | NW of Ciudad Nuevo Leon, NL                              | 15  | 0,4  |
| SV0571 | Espostoa  | baumanii                | KK 1883 | Balsas, Peru 1200m                                       | 20  | 0,48 |
| SV0572 | Espostoa  | baumanii                | KK 1883 | Balsas, Peru 1200m                                       | 50  | 1,12 |
| SV0565 | Espostoa  | huanucensis             | KK 1141 | Huanuco, Peru 1500m                                      | 20  | 0,48 |
| SV0566 | Espostoa  | huanucensis             | KK 1141 | Huanuco, Peru 1500m                                      | 50  | 1,12 |
| 974,01 | Espostoa  | hylaea                  | KK 296  | Bagua, 1000m Peru  | 20  | 0,6  |
| 974,1  | Espostoa  | hylaea                  | KK 296  | Bagua, 1000m Peru  | 100 | 1,96 |
| SV0573 | Espostoa  | lanata                  | KK 1443 | Colaya Chocope, Peru 1200m                               | 20  | 0,48 |
| SV0574 | Espostoa  | lanata                  | KK 1443 | Colaya Chocope, Peru 1200m                               | 50  | 1,12 |
| SV0567 | Espostoa  | melanostele v. inermis  | KK 1445 | Matucana, Peru 2000m                                     | 20  | 0,48 |
| SV0568 | Espostoa  | melanostele v. inermis  | KK 1445 | Matucana, Peru 2000m                                     | 50  | 1,12 |
| 975,01 | Espostoa  | mirabilis               | KK 298  | Balsas, 1200m Peru                                       | 20  | 0,6  |
| 975,1  | Espostoa  | mirabilis               | KK 298  | Balsas, 1200m Peru                                       | 100 | 1,96 |
| 590    | Eulychnia | taltalensis             | KBC 956 | Taltal city-ruta 5, Antofagasta, Chile 293m              | 20  | 0,4  |
| 591    | Eulychnia | taltalensis             | JN 1319 | ruta 1 Paposo -> Blanco Encalada, Antofagasta, 48m Chile | 20  | 0,4  |
| 592    | Eulychnia | taltalensis             | JN 854  | above playa Sara, Antofagasta, 21 Chile                  | 20  | 0,4  |
| 592,1  | Eulychnia | taltalensis             | JN 854  | above playa Sara, Antofagasta, 21 Chile                  | 100 | 1,28 |
| 593    | Eulychnia | taltalensis             | JN 856  | Reserva Nacional Paposo, Antofagasta, 600m Chile         | 20  | 0,4  |
| 593,1  | Eulychnia | taltalensis             | JN 856  | Reserva Nacional Paposo, Antofagasta, 600m Chile         | 100 | 1,28 |
| 594    | Eulychnia | taltalensis             | JN 862  | Santunario Lidia Escobar Negra, Antofagasta, 411m Chile  | 20  | 0,4  |
| 594,1  | Eulychnia | taltalensis             | JN 862  | Santunario Lidia Escobar Negra, Antofagasta, 411m Chile  | 100 | 1,28 |
| 546    | Eulychnia | acida                   | JN 870  | Quebrada Barratillo, Atacama, 103m Chile                 | 20  | 0,4  |
| 546,1  | Eulychnia | acida                   | JN 870  | Quebrada Barratillo, Atacama, 103m Chile                 | 100 | 1,28 |
| 547    | Eulychnia | acida                   | JN 641  | Rio Limari, Coquimbo, 211m Chile                         | 20  | 0,4  |
| 547,1  | Eulychnia | acida                   | JN 641  | Rio Limari, Coquimbo, 211m Chile                         | 100 | 1,28 |
| 548    | Eulychnia | acida                   | JN 644  | Totalalillo near ocean, Coquimbo, 38m Chile              | 20  | 0,4  |
| 549    | Eulychnia | acida                   | JN 675  | Huasco docks, Atacama, 107m Chile                        | 20  | 0,4  |
| 550    | Eulychnia | acida                   | JN 735  | Punta Negra, Atacama, 72m Chile                          | 20  | 0,4  |
| 557    | Eulychnia | acida                   | JN 771  | Caleta Las Tacas, Coquimbo, 91m, Chile                   | 20  | 0,4  |

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|-------|-----------|---------------------------------------|---------|---|-----|------|
| 557,1 | Eulychnia | acida                                 | JN 771  | Caleta Las Tacas, Coquimbo, 91m, Chile  | 100 | 1,28 |
| 552   | Eulychnia | acida (long spines 20cm)              | JN 254  | Highway Norte La Serena - Los Hornos, Coquimbo, Chile 149m                          | 20  | 0,4  |
| 553   | Eulychnia | acida (robust form, long spines 25cm) | JN 260  | off road right side Sierra Quebrada Honda I. up private house, Coquimbo, Chile 153m | 20  | 0,4  |
| 551   | Eulychnia | acida x longispina                    | JN 253  | off road Puente Marqueza, Coquimbo, Chile 288m                                      | 20  | 0,4  |
| 545   | Eulychnia | aff. breviflora                       | JN 797  | ruta a Mina Algarrobo, Atacama, 506m Chile  | 20  | 0,4  |
| 543   | Eulychnia | aff. iquiquensis                      | JN 686  | Balneario Ramada, Atacama, 91m Chile  | 20  | 0,72 |
| 544   | Eulychnia | aff. iquiquensis                      | JN 840  | Quebrada Taltal, Antofagasta, 278m Chile  | 20  | 0,48 |
| 558   | Eulychnia | breviflora                            | JN 1279 | Huasco-docks, Atacama, 106m Chile   | 20  | 0,4  |
| 558,1 | Eulychnia | breviflora                            | JN 1279 | Huasco-docks, Atacama, 106m Chile   | 100 | 1    |
| 559   | Eulychnia | breviflora                            | JN 638  | Mineral de Talca, Coquimbo, 290m  | 20  | 0,4  |
| 559,1 | Eulychnia | breviflora                            | JN 638  | Mineral de Talca, Coquimbo, 290m  | 100 | 1    |
| 560   | Eulychnia | breviflora                            | JN 653  | Caleta Los Hornos, Coquimbo, 150m Chile   | 20  | 0,4  |
| 560,1 | Eulychnia | breviflora                            | JN 653  | Caleta Los Hornos, Coquimbo, 150m Chile   | 100 | 1    |
| 561   | Eulychnia | breviflora                            | JN 661  | Trapiche, Coquimbo, 327m Chile  | 20  | 0,4  |
| 562   | Eulychnia | breviflora                            | JN 764  | 5km W of Buenos Aires, Coquimbo, 292m, Chile  | 20  | 0,4  |
| 562,1 | Eulychnia | breviflora                            | JN 764  | 5km W of Buenos Aires, Coquimbo, 292m, Chile  | 100 | 1    |
| 563   | Eulychnia | breviflora                            | JN 331  | Paposo City / behind / left rockie side near sea, Antofagasta, Chile 33m            | 10  | 0,4  |
| 563,1 | Eulychnia | breviflora                            | JN 331  | Paposo City / behind / left rockie side near sea, Antofagasta, Chile 33m            | 100 | 1,96 |
| 564   | Eulychnia | breviflora-saint-piena (growth pear!) | JN 669  | 1 km N of Puente El Algodon, Atacama, 754m Chile                                    | 20  | 0,6  |
| 565   | Eulychnia | castanea                              | JN 623  | Los Molles, Valparaiso, 5m Chile  | 30  | 0,4  |
| 565,1 | Eulychnia | castanea                              | JN 623  | Los Molles, Valparaiso, 5m Chile  | 100 | 1    |
| 566   | Eulychnia | castanea                              | JN 1230 | Los Molles, Valparaiso, 2m Chile  | 30  | 0,4  |
| 567   | Eulychnia | castanea                              | JN 632  | Los Vilos, Coquimbo, 17m Chile  | 20  | 0,4  |
| 567,1 | Eulychnia | castanea                              | JN 632  | Los Vilos, Coquimbo, 17m Chile  | 100 | 1,4  |
| 568   | Eulychnia | castanea                              | JN 635  | Los Vilos near ocean, Coquimbo, 4m Chile  | 20  | 0,4  |
| 568,1 | Eulychnia | castanea                              | JN 635  | Los Vilos near ocean, Coquimbo, 4m Chile  | 100 | 1,4  |
| 569   | Eulychnia | castanea                              | JN 760  | 5km S of Punta Ballena, 2m, Chile   | 20  | 0,4  |
| 569,1 | Eulychnia | castanea                              | JN 760  | 5km S of Punta Ballena, 2m, Chile   | 100 | 1,4  |
| 570   | Eulychnia | chorosensis                           | JN 787  | Caleta Chorreadero, Coquimbo, 30m Chile   | 20  | 0,4  |
| 570,1 | Eulychnia | chorosensis                           | JN 787  | Caleta Chorreadero, Coquimbo, 30m Chile   | 100 | 1,6  |
| 571   | Eulychnia | longispina                            | JN 880  | Huampula, Coquimbo, 490m Chile  | 20  | 0,4  |

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| 571,1 | Eulychnia | longispina                       | JN 880 | Huampula, Coquimbo, 490m Chile   | 100 | 1    |
| 572   | Eulychnia | longispina                       | JN 633 | Choapa, Coquimbo, 270m Chile   | 20  | 0,4  |
| 572,1 | Eulychnia | longispina                       | JN 633 | Choapa, Coquimbo, 270m Chile   | 100 | 1    |
| 573   | Eulychnia | longispina                       | JN 736 | Andacollo, Coquimbo, 493m Chile  | 20  | 0,4  |
| 574   | Eulychnia | longispina                       | JN 185 | off road Sierra Putuaendo near small private house, Valparaiso, Chile 726 m      | 20  | 0,4  |
| 574,1 | Eulychnia | longispina                       | JN 185 | off road Sierra Putuaendo near small private house, Valparaiso, Chile 726 m      | 100 | 1,4  |
| 575   | Eulychnia | longispina                       | JN 186 | off road Sierra Putuaendo top first hill, Valparaiso, Chile 732 m                | 20  | 0,4  |
| 575,1 | Eulychnia | longispina                       | JN 186 | off road Sierra Putuaendo top first hill, Valparaiso, Chile 732 m                | 100 | 1,4  |
| 576   | Eulychnia | longispina                       | JN 187 | off road Sierra Putuaendo top second hill up first hill, Valparaiso, Chile 748 m | 20  | 0,4  |
| 577   | Eulychnia | longispina                       | JN 190 | Highway Putuaendo City, Valparaiso, Chile 793 m                                  | 20  | 0,4  |
| 577,1 | Eulychnia | longispina                       | JN 190 | Highway Putuaendo City, Valparaiso, Chile 793 m                                  | 100 | 1    |
| 578   | Eulychnia | longispina                       | JN 191 | Highway Putuaendo City 2 km from periphery - left hill, Valparaiso, Chile 791 m  | 20  | 0,4  |
| 578,1 | Eulychnia | longispina                       | JN 191 | Highway Putuaendo City 2 km from periphery - left hill, Valparaiso, Chile 791 m  | 100 | 1    |
| 579   | Eulychnia | longispina                       | JN 192 | Highway Putuaendo City - off road into mountain, Valparaiso, Chile 802 m         | 20  | 0,4  |
| 579,1 | Eulychnia | longispina                       | JN 192 | Highway Putuaendo City - off road into mountain, Valparaiso, Chile 802 m         | 100 | 1    |
| 580   | Eulychnia | longispina                       | JN 203 | Highway Quelon, Valparaiso, Chile 780 m  | 10  | 0,4  |
| 581   | Eulychnia | longispina                       | JN 204 | Highway Quelon , turning into mountains, Valparaiso, Chile 793 m                 | 20  | 0,4  |
| 581,1 | Eulychnia | longispina                       | JN 204 | Highway Quelon , turning into mountains, Valparaiso, Chile 793 m                 | 100 | 1    |
| 587   | Eulychnia | longispina                       | JN 224 | Cogoti - Monte Patria I. off road, Coquimbo, Chile 912m                          | 10  | 0,4  |
| 585   | Eulychnia | longispina (long black spines)   | JN 213 | Illapel - Combarbala private ranch only in rockies, Coquimbo, Chile 658m         | 20  | 0,48 |
| 585,1 | Eulychnia | longispina (long black spines)   | JN 213 | Illapel - Combarbala private ranch only in rockies, Coquimbo, Chile 658m         | 100 | 1,2  |
| 582   | Eulychnia | longispina (super curved spined) | JN 205 | Highway Illapel - Sierra Salamanca I. near off road, Coquimbo, Chile 449 m       | 20  | 0,48 |
| 582,1 | Eulychnia | longispina (super curved spined) | JN 205 | Highway Illapel - Sierra Salamanca I. near off road, Coquimbo, Chile 449 m       | 100 | 1,2  |

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|--------|------------|--|---------|---|-----|------|
| 583    | Eulychnia  | longispina (super curved spined)           | JN 206  | Highway Illapel - Sierra Salamanca I. near top hill, , Coquimbo, Chile 461 m    | 20  | 0,48 |
| 583,1  | Eulychnia  | longispina (super curved spined)           | JN 206  | Highway Illapel - Sierra Salamanca I. near top hill, , Coquimbo, Chile 461 m    | 100 | 1,2  |
| 586    | Eulychnia  | longispina (super extra long spined)       | JN 221  | La Ligua - Sierra La Isla off road, Coquimbo, Chile 731m                        | 10  | 0,4  |
| 584    | Eulychnia  | longispina (extra long spined)             | JN 212  | Illapel - Combarbala private ranch near small rockie hill, Coquimbo, Chile 650m | 20  | 0,48 |
| 584,1  | Eulychnia  | longispina (extra long spined)             | JN 212  | Illapel - Combarbala private ranch near small rockie hill, Coquimbo, Chile 650m | 100 | 1,2  |
| 588    | Eulychnia  | longispina (long curved spined)            | JN 236  | off road Sierra Pichasca - Rio Hurtado I., Coquimbo, Chile 836m                 | 10  | 0,4  |
| 589    | Eulychnia  | longispina (long curved spined)            | JN 240  | off road Sierra Pichasca - Rio Hurtado III., Coquimbo, Chile 896m               | 10  | 0,4  |
| 595    | Eulychnia  | saint-piena                                | JN 898  | Tigrillo, Antofagasta, 186m Chile   | 20  | 0,8  |
| 595,1  | Eulychnia  | saint-piena                                | JN 898  | Tigrillo, Antofagasta, 186m Chile   | 100 | 2,76 |
| 596    | Eulychnia  | saint-piena                                | JN 832  | Esmeralda, Antofagasta, 220m Chile  | 20  | 0,8  |
| 596,1  | Eulychnia  | saint-piena                                | JN 832  | Esmeralda, Antofagasta, 220m Chile  | 100 | 2,76 |
| 597    | Eulychnia  | saint-piena                                | JN 1298 | Esmeralda, Atacama, 220m Chile  | 20  | 0,8  |
| 597,1  | Eulychnia  | saint-piena                                | JN 1298 | Esmeralda, Atacama, 220m Chile  | 100 | 2,76 |
| 598    | Eulychnia  | saint-piena                                | JN 826  | Caleta Agua Hedionda, Atacama, 85m Chile  | 20  | 0,8  |
| 598,1  | Eulychnia  | saint-piena                                | JN 826  | Caleta Agua Hedionda, Atacama, 85m Chile  | 100 | 2,76 |
| 599    | Eulychnia  | saint-piena                                | JN 693  | Falda Verde, Atacama, 70m Chile   | 20  | 0,8  |
| 599,1  | Eulychnia  | saint-piena                                | JN 693  | Falda Verde, Atacama, 70m Chile   | 100 | 2,76 |
| 600    | Eulychnia  | saint-piena                                | JN 702  | Esmeralda rocks near ocean, Antofagasta, 218m Chile                             | 20  | 0,8  |
| 601    | Eulychnia  | saint-piena                                | JN 728  | El Faro, Atacama, 82m Chile   | 20  | 0,8  |
| 602    | Eulychnia  | saint-piena                                | JN 728  | El Faro, Atacama, 82m Chile   | 100 | 2,76 |
| 602,1  | Eulychnia  | saint-piena                                | JN 1293 | El Faro, Atacama, 103m Chile  | 20  | 0,8  |
| 604    | Eulychnia  | species giant fruit like pear!             | JN 1265 | El Sombrero, Atacama, 794m Chile  | 20  | 0,48 |
| 604,1  | Eulychnia  | species giant fruit like pear!             | JN 1265 | El Sombrero, Atacama, 794m Chile  | 100 | 1,52 |
| 603    | Eulychnia  | species nova short very compact spiny form | JN 199  | Highway La Vina – Alicahue, Valparaiso, Chile 352 m                             | 10  | 0,4  |
| SV0290 | Ferocactus | latispinus var. Spiralis                   | SB 547  | Totolapan, Oax  | 30  | 0,4  |
| SV0291 | Ferocactus | latispinus var. Spiralis                   | SB 547  | Totolapan, Oax  | 50  | 0,8  |
| SV0421 | Ferocactus | glaucescens                                | RS 677  | Zimapan, Hidalgo  | 20  | 0,4  |
| D1057  | Ferocactus | hamatacanthus                              | RCH 365 | Santa Lucia, Coah.  | 20  | 0,28 |
| D0058  | Ferocactus | horridus                                   |         |   | 30  | 0,2  |

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|--------|---------------|--------------------------|-----------|--|-----|------|
| D0059  | Ferocactus    | horridus                 |           |  | 100 | 0,48 |
| SV0288 | Ferocactus    | latispinus v. spiralis   | CH 162    | Teotitlan, Oaxaca                          | 30  | 0,4  |
| SV0289 | Ferocactus    | latispinus v. spiralis   | CH 163    | Teotitlan, Oaxaca                          | 50  | 0,8  |
| SV0893 | Ferocactus    | viridescens              | DJF 4.37  | Las Palmas, BCN                            | 15  | 0,48 |
| SV0297 | Ferocactus    | viridiscens              | RP 99     | Otay Mesa, CA,                             | 30  | 0,4  |
| SV0777 | Ferocactus    | viridiscens              | DJF 4.37  | Las Palmas, BCN                            | 30  | 0,4  |
| 605    | Frailea       | asteroides               | KH 604    | NW of Mario Rubio, Uruguay                 | 10  | 0,6  |
| 1444   | Frailea       | pumila                   | LW 43     |  | 10  | 0,2  |
| 606    | Gymnocactus   | begunii f. smithii       |           | Huasteca Canyon                            | 10  | 0,28 |
| 609    | Gymnocactus   | suerii                   | MH 934    | Bustamente, Tamaulipas                     | 10  | 0,28 |
| SV0883 | Gymnocactus   | beguinii                 | TCG 41025 | Pablillo, kvete při 2-3 cm                 | 15  | 0,4  |
| SV0886 | Gymnocactus   | knuthianus               | MZ 726    | Guadalcazar, SLP, velmi světlé trny        | 15  | 0,4  |
| 607    | Gymnocactus   | knuthianus v. albispinus | RS 36/97  | SLP, Mex.                                  | 10  | 0,28 |
| 608    | Gymnocactus   | sauerii                  | MZ 626    | Bustamente, Tamaulipas                     | 10  | 0,28 |
| 610    | Gymnocalycium | accorugatum              | JN 1037   | Las Peñas, La Rioja, Arg. 1517m            | 20  | 0,4  |
| 612    | Gymnocalycium | affine                   | RER 445   | San Francisco de Chanar, Cordoba, 620m     | 15  | 0,4  |
| 643    | Gymnocalycium | boszingianum             | LF 15     | Villa Chepes, La Rioja 600m Arg.           | 20  | 0,4  |
| 611    | Gymnocalycium | aff. leptanthum          | JN 1049   | before Achiras, Cordoba, Arg. 783m         | 30  | 0,4  |
| 611,1  | Gymnocalycium | aff. leptanthum          | JN 1049   | before Achiras, Cordoba, Arg. 783m         | 100 | 1    |
| 618    | Gymnocalycium | achirasense              | JN 1048   | before Achiras, Cordoba, Arg. 783m         | 30  | 0,4  |
| 618,1  | Gymnocalycium | achirasense              | JN 1048   | before Achiras, Cordoba, Arg. 783m         | 100 | 0,88 |
| 619    | Gymnocalycium | achirasense              | JN 1052   | El Guanaco del Morro, San Luis, Arg. 1073m | 20  | 0,4  |
| 621    | Gymnocalycium | achirasense v. gertrudae | JN 146    | za Dean Funes, Córdoba, Arg. 875m          | 30  | 0,4  |
| 622    | Gymnocalycium | achirasense v. gertrudae | JN 154    | San Pedro, Cordoba, Arg. 937m              | 30  | 0,4  |
| 620    | Gymnocalycium | achirasense v. orientale | LB 332    | Las Albahacas, Cordoba                     | 20  | 0,24 |
| 1503   | Gymnocalycium | albiareolatum v. ramosum | LF 32     | Villa Sanagasta, La Rioja                  | 20  | 0,2  |
| 615    | Gymnocalycium | ambatoense - nidulans    | JN 65     | Sierra Ambato, Catamarca, Arg 1082m        | 30  | 0,32 |
| 615,1  | Gymnocalycium | ambatoense - nidulans    | JN 65     | Sierra Ambato, Catamarca, Arg 1082m        | 100 | 0,8  |
| 616    | Gymnocalycium | ambatoense - nidulans    | KP 208    | S of Sebila, Catamarca                     | 20  | 0,32 |
| 613    | Gymnocalycium | andreae                  | VS 153    | El Condor, Cordoba                         | 20  | 0,32 |
| 614    | Gymnocalycium | andreae ssp. metznetteri | KFF 1197  | Quilino, Cordoba, 970m                     | 10  | 0,6  |
| 617    | Gymnocalycium | anisitsii ssp. volkeri   | STO 1403  | Los Chuvirus, Bolivie                      | 20  | 0,4  |
| 623    | Gymnocalycium | baldianum                | LB 1243   | El Rosario, Catamarca, 1150m Arg           | 20  | 0,4  |

|        |               |                         |                |  |     |      |
|--------|---------------|-------------------------|----------------|--|-----|------|
| 624    | Gymnocalycium | baldianum               | VS 129         | Cuesta el Portezuelo, Catamarca, 2100m Arg.        | 30  | 0,32 |
| 625    | Gymnocalycium | baldianum               | P 127          | Sierra Ancasti, Catamarca, 900m Arg                | 30  | 0,32 |
| 626    | Gymnocalycium | baldianum               | JO 339         | Sierra Ancasti, Catamarca, Arg.                    | 30  | 0,32 |
| 627    | Gymnocalycium | baldianum               | BO 124         | Cuesta el Totoral, Catamarca, Arg. 1250m           | 20  | 0,32 |
| 628    | Gymnocalycium | baldianum               | CH 1106        | NW of Chorro, Catamarca, Arg.                      | 30  | 0,32 |
| 629    | Gymnocalycium | baldianum               | CH 1104        | NW od La Majada, Catamarca, Arg.                   | 30  | 0,32 |
| 630    | Gymnocalycium | baldianum               | CH 1116        | Los Varela -> Piedras Blancas, Catamarca, Arg.     | 30  | 0,32 |
| 631    | Gymnocalycium | baldianum               |                | Alto del Portezuelo, Catamarca, arg. 1600m         | 30  | 0,32 |
| 632    | Gymnocalycium | baldianum v. albiflorum | JPR 95-177/542 | El Desmonte, Catamarca, Arg.                       | 20  | 0,28 |
| 1509   | Gymnocalycium | bayrianum               | L 447          | Sierra Medina, Tucuman                             | 20  | 0,4  |
| 634    | Gymnocalycium | berchtii                | VS 161         | Chañares, San Luis, Arg. 800m                      | 20  | 0,4  |
| 635    | Gymnocalycium | berchtii                | TOM 148.01     | 2.8km S of Los Chañares, San Luis 728m             | 20  | 0,4  |
| 636    | Gymnocalycium | berchtii                | MT 07-150      | Los Chañares, San Luis                             | 20  | 0,4  |
| 637    | Gymnocalycium | berchtii                | JO 1140/1      | Los Chañares, San Luis                             | 20  | 0,4  |
| 638    | Gymnocalycium | berchtii                | KFF 1164       | Bajo de Feliz -> Quines, San Luis, 626m            | 20  | 0,8  |
| 639    | Gymnocalycium | berchtii                | JN 1045        | before Santa Rosa del Conlara, San Luis, Arg. 729m | 20  | 0,6  |
| 639,1  | Gymnocalycium | berchtii                | JN 1045        | before Santa Rosa del Conlara, San Luis, Arg. 729m | 100 | 1,8  |
| 640    | Gymnocalycium | berchtii                | JN 1046        | Quebrada da Cautana, San Luis, Arg. 711m           | 20  | 0,6  |
| 640,1  | Gymnocalycium | berchtii                | JN 1046        | Quebrada da Cautana, San Luis, Arg. 711m           | 100 | 1,8  |
| 641    | Gymnocalycium | bicolor                 | JN 1220        | San Pedro Norte, Cordoba, Arg. 918m                | 20  | 0,4  |
| 642    | Gymnocalycium | bissi                   | KP 331         | S of Las Talas                                     | 30  | 0,4  |
| 642,1  | Gymnocalycium | bissi                   | KP 331         | S of Las Talas                                     | 100 | 1    |
| 1854   | Gymnocalycium | bissi                   | JN 163         | Santa Catalina, Cordoba                            | 30  | 0,4  |
| 1854,1 | Gymnocalycium | bissi                   | JN 163         | Santa Catalina, Cordoba                            | 100 | 1    |
| 648    | Gymnocalycium | bruchii f. elegans      | VS 643         | Candongas- La Cumbre, Cordoba, Arg.                | 20  | 0,4  |
| 644    | Gymnocalycium | bruchii f. lafaldense   | JN 153         | San Pedro, Córdoba, Arg 937m                       | 10  | 0,4  |
| 645    | Gymnocalycium | bruchii f. lafaldense   | JN 150         | Dean Funes-Villa Tulumba, cordóba, 911m Arg        | 10  | 0,4  |
| 646    | Gymnocalycium | bruchii v. brigittae    | P 214          | Salsacata-Taninga, Córdoba, Arg.                   | 20  | 0,6  |
| 647    | Gymnocalycium | bruchii v. pawlowsky    |                | original Amerhauser                                | 10  | 0,8  |
| 649    | Gymnocalycium | calochlorum             | JN 162         | Villa Del Totoral, Córdoba, Arg. 575m              | 30  | 0,4  |
| 650    | Gymnocalycium | calochlorum             | KP 330         | Cerro de la Cruz, Cordoba, Arg.                    | 20  | 0,4  |
| SV0809 | Gymnocalycium | campestre               | KA 16/18       | před Ischlin I, Cord.                              | 15  | 0,4  |
| SV0816 | Gymnocalycium | campestre               | KA 16/24       | Copacabana - Capilla de Monte, Cord.               | 15  | 0,4  |



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| SV0807 | Gymnocalycium | capillaense                | KA 16/10  | Capilla del Monte I, Cord.                     | 20  | 0,32 |
| SV0808 | Gymnocalycium | capillaense                | KA 16/13  | Orgamira - Los Terrones, Cord.                 | 20  | 0,32 |
| SV0812 | Gymnocalycium | capillaense                | KA 16/19  | silnice na Museo Father km 15, Cord.           | 20  | 0,32 |
| SV0813 | Gymnocalycium | capillaense                | KA 16/20  | Museo Father, Cord.                            | 20  | 0,32 |
| 660    | Gymnocalycium | castaneum                  | JO 1125/1 |  | 20  | 0,32 |
| 661    | Gymnocalycium | castellanosii              | JN 1042   | Malanzan, La Rioja, Arg. 874m                  | 20  | 0,4  |
| 652    | Gymnocalycium | catamarcense               | JN 531    | before Hualfin, Catamarca, Arg. 1816m          | 20  | 0,4  |
| 652,1  | Gymnocalycium | catamarcense               | JN 531    | before Hualfin, Catamarca, Arg. 1816m          | 100 | 1    |
| 653    | Gymnocalycium | catamarcense               | P 72      | Andalgala, Catamarca, Arg.                     | 30  | 0,4  |
| 654    | Gymnocalycium | catamarcense               |           | Sierra de los Colorada, Catamarca, Arg.        | 30  | 0,32 |
| 655    | Gymnocalycium | catamarcense v. belense    | JN 526    | San Fernando, Catamarca, Arg. 1606m            | 20  | 0,4  |
| 655,1  | Gymnocalycium | catamarcense v. belense    | JN 526    | San Fernando, Catamarca, Arg. 1606m            | 100 | 1    |
| 656    | Gymnocalycium | catamarcense v. belense    | JN 530    | El Eje, Catamarca, Arg. 1708m                  | 20  | 0,4  |
| 656,1  | Gymnocalycium | catamarcense v. belense    | JN 530    | El Eje, Catamarca, Arg. 1708m                  | 100 | 1    |
| 657    | Gymnocalycium | catamarcense v. belense    | JN 1142   | Belen, catamarca, Arg. 1278m                   | 20  | 0,4  |
| 657,1  | Gymnocalycium | catamarcense v. belense    | JN 1142   | Belen, catamarca, Arg. 1278m                   | 100 | 1    |
| 658    | Gymnocalycium | catamarcense v. ensispinum | JN 1146   | Rio Belen, Catamarca, Arg. 1613m               | 20  | 0,4  |
| 659    | Gymnocalycium | catamarcense v. montanum   | JN 1144   | La Puerta de san José, Catamarca, Arg. 1417m   | 20  | 0,48 |
| SV0818 | Gymnocalycium | coloradense                | KA 16/27  | Patquia II., LR                                | 20  | 0,48 |
| 662    | Gymnocalycium | coloradense – LUXUS!!      | JN 1040   | Sierra de los Colorada, La Rioja, Arg. 564m    | 20  | 0,6  |
| 662,1  | Gymnocalycium | coloradense – LUXUS!!      | JN 1040   | Sierra de los Colorada, La Rioja, Arg. 564m    | 100 | 1,8  |
| 663    | Gymnocalycium | erinaceum                  | JN 149    | před Villa Tulumba, Corbóda, Arg. 911m         | 30  | 0,32 |
| 664    | Gymnocalycium | erinaceum                  | JN 167    | Villa Albertina II, Córdoba, Arg. 987m         | 30  | 0,4  |
| 664,1  | Gymnocalycium | erinaceum                  | JN 167    | Villa Albertina II, Córdoba, Arg. 987m         | 100 | 0,72 |
| 665    | Gymnocalycium | erinaceum                  | STO 352   | Rio Pinto                                      | 20  | 0,4  |
| 666    | Gymnocalycium | erinaceum                  | JL 40     | Sauce Punco, Cordoba, 1050m                    | 20  | 0,32 |
| SV0817 | Gymnocalycium | ferox v. ferocior          | KA 16/25  | Ruta 38, Agua de Ramon , LR                    | 20  | 0,6  |
| 667    | Gymnocalycium | ferrarii                   | JN 502    | Estancia Mazan La Rioja, Arg. 624m             | 20  | 0,4  |
| 668    | Gymnocalycium | ferrarii                   | JN 1471   | cruce ruta 46 x ruta 60, La Rioja, Arg. 976m   | 100 | 0,4  |
| 668,1  | Gymnocalycium | ferrarii                   | JN 1471   | cruce ruta 46 x ruta 60, La Rioja, Arg. 976m   | 20  | 1,4  |
| 669    | Gymnocalycium | ferrarii                   | JN 1472   | before Chumbica, La Rioja, Arg. 1194m          | 20  | 0,4  |
| 670    | Gymnocalycium | fischerii                  | VS 12     | Las Charcas, San Luis, Arg. 950m               | 20  | 0,4  |
| 671    | Gymnocalycium | fischerii                  | MT 07-143 | San Francisco del Monte de Oro, San Luis, Arg. | 20  | 0,4  |

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| 672   | Gymnocalycium | fischerii  | KFF 1181      | Cuesta Larga, San Luis                              | 20  | 0,4  |
| 673   | Gymnocalycium | fischerii  | JN 1043       | San Francisco del Monte de Oro, San Luis, Arg. 895m | 20  | 0,48 |
| 673,1 | Gymnocalycium | fischerii  | JN 1043       | San Francisco del Monte de Oro, San Luis, Arg. 895m | 100 | 1,4  |
| 674   | Gymnocalycium | fischerii  | JN 1044       | Digue Las Palmeras, San Luis, Arg. 888m             | 20  | 0,48 |
| 674,1 | Gymnocalycium | fischerii  | JN 1044       | Digue Las Palmeras, San Luis, Arg. 888m             | 100 | 1,4  |
| 675   | Gymnocalycium | fischerii  | JN 1059       | Potrere de los Funes, San Luis, Arg. 1072m          | 20  | 0,48 |
| 692   | Gymnocalycium | gibbosum ssp. Ferox                                  | JPR 54/121    | ruta 1, San Miguel Chubut Arg.                      | 10  | 0,4  |
| 708,1 | Gymnocalycium | gibbosum ssp. ferox f. Nobile                        | JN 936        | Estancia San Miguel, Chubut, Arg. 4m                | 100 | 3,96 |
| 709   | Gymnocalycium | gibbosum ssp. ferox f. nobile – LUXUS!               | JN 1385       | Estancia San Miquel, Chubut, Arg. 16m               | 20  | 1    |
| 708   | Gymnocalycium | gibbosum ssp. ferox f. nobile – spiny 5-6cm EXTRA!!! | JN 936        | Estancia San Miguel, Chubut, Arg. 4m                | 20  | 1    |
| 705   | Gymnocalycium | gibbosum ssp. ferox f. nobile SUPER!                 | JN 931        | Santa Elena -> Camarones, Chubut, Arg. 4m           | 20  | 0,8  |
| 706   | Gymnocalycium | gibbosum ssp. ferox f. nobile SUPER!                 | JN 932        | Estancia Piedras Blancas, Chubut, Arg. 10m          | 20  | 0,8  |
| 707   | Gymnocalycium | gibbosum ssp. ferox f. nobile SUPER!                 | JN 1380       | Estancia Piedras Blancas, Chubut, Arg. 1m           | 20  | 0,8  |
| 693   | Gymnocalycium | gibbosum ssp. Gastonii                               | JPR 92-22/56  | Cerro de la Ventana, Buenos Aires, Arg.             | 20  | 0,4  |
| 687   | Gymnocalycium | gibbosum v. brachypetalum                            | JN 903        | 8km before General Conesa, Rio Nero, Arg. 57m       | 20  | 0,4  |
| 688   | Gymnocalycium | gibbosum v. brachypetalum                            | JN 943        | Choele Choel, Rio Negro, Arg. 139m                  | 20  | 0,4  |
| 688,1 | Gymnocalycium | gibbosum v. brachypetalum                            | JN 943        | Choele Choel, Rio Negro, Arg. 139m                  | 100 | 1,28 |
| 689   | Gymnocalycium | gibbosum v. brachypetalum                            | JN 945        | before Darwin, Rio Negro, Arg. 145m                 | 20  | 0,4  |
| 689,1 | Gymnocalycium | gibbosum v. brachypetalum                            | JN 945        | before Darwin, Rio Negro, Arg. 145m                 | 100 | 1,28 |
| 690   | Gymnocalycium | gibbosum v. brachypetalum                            | JN 946        | Chimpay, Rio Negro, Arg. 167m                       | 20  | 0,4  |
| 690,1 | Gymnocalycium | gibbosum v. brachypetalum                            | JN 946        | Chimpay, Rio Negro, Arg. 167m                       | 100 | 1,28 |
| 694   | Gymnocalycium | gibbosum v. chubutense                               | WP 92-128/182 | Peninsula Valdez, Chubut Arg.                       | 20  | 0,4  |
| 695   | Gymnocalycium | gibbosum v. chubutense                               | JPR 36/89     | Puerto Colorado, Chubut, Arg.                       | 20  | 0,4  |
| 696   | Gymnocalycium | gibbosum v. chubutense                               | JPR 92-44/99  | Rawson, Playa Union, Chubut                         | 20  | 0,4  |
| 697   | Gymnocalycium | gibbosum v. chubutense                               |               | Rio Negro   | 20  | 0,4  |
| 699   | Gymnocalycium | gibbosum v. chubutense                               | JN 924        | Gaiman-estancia YPF, Chubut, Arg. 21m               | 20  | 0,6  |
| 700   | Gymnocalycium | gibbosum v. chubutense                               | JN 926        | Dolavon, Chubut, Arg. 95m                           | 20  | 0,6  |
| 701   | Gymnocalycium | gibbosum v. chubutense                               | JN 1069       | Puerto Lobos, Rio Negro, Arg. 11m                   | 20  | 0,6  |
| 704   | Gymnocalycium | gibbosum v. chubutense                               | JN 1075       | Puerto Rawson, Chubut, Arg. 5m                      | 20  | 0,6  |
| 698   | Gymnocalycium | gibbosum v. chubutense                               | Piltz         | Peninsula Valdez, Chubut                            | 20  | 0,32 |
| 702   | Gymnocalycium | gibbosum v. chubutense– LUXUS!                       | JN 1071       | Playa Union, Chubut, Arg. 2m                        | 20  | 0,6  |

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| 703    | Gymnocalycium | <i>gibbosum</i> v. <i>chubutense</i> – LUXUS!                             | JN 1375    | Playa Union, Chubut, Arg. 1m                       | 20  | 0,6  |
| 703,1  | Gymnocalycium | <i>gibbosum</i> v. <i>chubutense</i> – LUXUS!                             | JN 1375    | Playa Union, Chubut, Arg. 1m                       | 100 | 1,6  |
| 691    | Gymnocalycium | <i>gibbosum</i> v. <i>minima/sibalii</i>                                  | JN 3       | NP Lihuel Calel, La Pampa, Arg. 373m               | 20  | 0,4  |
| 691,1  | Gymnocalycium | <i>gibbosum</i> v. <i>minima/sibalii</i>                                  | JN 3       | NP Lihuel Calel, La Pampa, Arg. 373m               | 100 | 1,4  |
| 676    | Gymnocalycium | <i>glaucum</i>  | JN 492     | San Blas, La Rioja, Arg. 1019m                     | 20  | 0,6  |
| 677    | Gymnocalycium | <i>glaucum</i>  | JN 496     | Quebrada Malcasco, La Rioja Arg. 1051m             | 20  | 0,4  |
| 677,1  | Gymnocalycium | <i>glaucum</i>  | JN 496     | Quebrada Malcasco, La Rioja Arg. 1051m             | 100 | 1,6  |
| 678    | Gymnocalycium | <i>glaucum</i>  | JN 1012    | before Alpasinche, La Rioja, Arg. 972m             | 20  | 0,6  |
| 679    | Gymnocalycium | <i>glaucum</i>  | JN 1460    | San Blas – posada San Jorge, La Rioja, Arg. 962m   | 20  | 0,6  |
| 679,1  | Gymnocalycium | <i>glaucum</i>  | JN 1460    | San Blas – posada San Jorge, La Rioja, Arg. 962m   | 100 | 1,8  |
| 680    | Gymnocalycium | <i>glaucum</i>  | VS 48      | San Blas, La Rioja, Arg. 1050m                     | 20  | 0,6  |
| 681    | Gymnocalycium | <i>glaucum</i>  | P 36       | SE of Tinogasta, Catamarca, Arg. 1000m             | 20  | 0,4  |
| 682    | Gymnocalycium | <i>glaucum</i>  | PSCA 6     | Alpasinche, Catamarca, Arg.                        | 20  | 0,4  |
| 683    | Gymnocalycium | <i>glaucum</i>  | JB 95      | San Blas, La Rioja                                 | 30  | 0,4  |
| 684    | Gymnocalycium | <i>glaucum</i>  | BKN 128    |  | 30  | 0,4  |
| 685    | Gymnocalycium | <i>glaucum</i> ssp. <i>albertovojtechii</i> – LUXUS<br>(very hard spiny!) | JN 1026    | Rio la Puerto, La Rioja, Arg. 1071m                | 20  | 0,8  |
| 686    | Gymnocalycium | <i>glaucum</i> ssp. <i>albertovojtechii</i> –<br>LUXUS!                   | JN 1459    | Gruta Santa Barbara, La Rioja, Arg. 1065m          | 20  | 0,8  |
| 710    | Gymnocalycium | <i>hossei</i>   | STO 87-88  | Cuesta Miranda, La Rioja                           | 30  | 0,4  |
| 711    | Gymnocalycium | <i>hossei</i> – <i>nidulans</i>   | JN 1464    | Señor de la Peña, La Rioja, Arg. 877m              | 20  | 0,4  |
| 1506   | Gymnocalycium | <i>intertextum</i>  | STO 88-198 | Canada de Salar, Cordoba, 1100m                    | 20  | 0,2  |
| 712    | Gymnocalycium | <i>kieslingii</i> f. <i>Castaneum</i>                                     | P 220      | Sanogasta, La Rioja 1100m Arg.                     | 30  | 0,4  |
| 713    | Gymnocalycium | <i>kieslingii</i> v. <i>alboareolatum</i>                                 | JN 1039    | Villa Sanagasta, La Rioja, Arg. 988m               | 20  | 0,4  |
| 1504   | Gymnocalycium | <i>kieslingii</i> v. <i>alboareolatum</i>                                 | STO 88-180 | El Huaco, La Rioja                                 | 20  | 0,2  |
| 714    | Gymnocalycium | <i>knolii</i>   | KL 105     | Las Huertitas, San Luis, Arg. 1346m                | 20  | 0,4  |
| 716    | Gymnocalycium | <i>marsonerii</i>   | JN 593     | Media Mundo, Santiago del Estrelo, Arg. 398m       | 20  | 0,48 |
| 716,1  | Gymnocalycium | <i>marsonerii</i>   | JN 593     | Media Mundo, Santiago del Estrelo, Arg. 398m       | 100 | 1,6  |
| 717    | Gymnocalycium | <i>marsonerii</i>   | JN 1203    | Lavalle->ruta 64, Santiago del Estrelo, Aerg. 604m | 20  | 0,48 |
| 717,1  | Gymnocalycium | <i>marsonerii</i>   | JN 1203    | Lavalle->ruta 64, Santiago del Estrelo, Aerg. 604m | 100 | 1,6  |
| 715    | Gymnocalycium | <i>marsonerii</i> (gren-dark redish epidermis)                            | JN 106     | San Pedro, Santiago del Estrelo, Arg. 397m         | 20  | 0,6  |
| SV0823 | Gymnocalycium | <i>mazanense</i>  | KA 16/32A  | Cuesta de Sevilla, LR                              | 20  | 0,32 |
| 718    | Gymnocalycium | <i>mazanense</i> f. <i>Polycephalum</i>                                   | VS 46      | Cuipan, La Rioja, Arg. 1100m                       | 30  | 0,4  |
| 719    | Gymnocalycium | <i>mesopotamicum</i>  | P 241      | Mercedes, Corrientes, Arg.                         | 20  | 0,4  |

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| 721    | Gymnocalycium | miltii                                       | JPR       |  | 30  | 0,32 |
| 722    | Gymnocalycium | monvillei                                    | JN 602    |  | 100 | 0,72 |
| 723    | Gymnocalycium | monvillei                                    | JN 1058   | Sierra San Luis, San Luis, Arg. 1492m  | 20  | 0,4  |
| SV0811 | Gymnocalycium | monvillei                                    | KA 16/18C | před Ischlin I, Cord.  | 20  | 0,2  |
| 724    | Gymnocalycium | mooserianum                                  | ZJ 25     | Sagrada Familia, Arg.  | 30  | 0,4  |
| SV0801 | Gymnocalycium | mostii                                       | KA 16/02  | La Falda, Cord.  | 20  | 0,32 |
| SV0800 | Gymnocalycium | mostii                                       | KA 16/01  | Camino del Cuadrado > La Falda ( Sierra Chica ), Cord.                                     | 20  | 0,32 |
| 725    | Gymnocalycium | mostii v. gensei                             | JN 168    | Villa Albertina II, Cordoba, Arg. 987m   | 20  | 0,4  |
| 726    | Gymnocalycium | mostii v. gensei                             | JN 170    | Villa Albertina III, Córdoba, Arg. 925m  | 20  | 0,4  |
| 727    | Gymnocalycium | mostii v. gensei                             | LF 83     | Ischilin, Cordoba, Arg. 1000m  | 30  | 0,4  |
| SV0804 | Gymnocalycium | mostii x bicolor X monvillei (přechod forem) | KA 16/07  | La Cumbre II, Cord.  | 20  | 0,32 |
| SV0827 | Gymnocalycium | mucidum                                      | KA 16/36  | Aimogasta - Belen, LR  | 20  | 0,4  |
| D3037  | Gymnocalycium | nigriareolatum                               | STO 268   |  | 20  | 0,2  |
| 729    | Gymnocalycium | nigriareolatum                               | JN 1209   | El Portezuelo, Catamarca, Arg. 610m  | 20  | 0,4  |
| 728    | Gymnocalycium | nigriareolatum f. Nova                       | JN 67     | (growing in bush, other type flower, markedly ribs), S of Yocán, Catamarca, Argentina 615m | 20  | 0,4  |
| 857    | Gymnocalycium | papschii                                     | VS 160    | Loma Bola, Córdoba, Arg. 900m  | 20  | 0,4  |
| 858    | Gymnocalycium | papschii                                     | STO 521   | Loma Bola, Córdoba, Arg. 1050m   | 20  | 0,4  |
| 859    | Gymnocalycium | papschii                                     | WP 083/11 | San Javier, Arg.   | 20  | 0,4  |
| SV0814 | Gymnocalycium | parvulum ssp. agnesiae                       | KA 16/21  | Copacabana- Capilla de Monte   | 20  | 0,4  |
| SV0815 | Gymnocalycium | parvulum ssp. agnesiae                       | KA 16/23  | Copacabana, Cord.  | 20  | 0,4  |
| SV0870 | Gymnocalycium | parvulum ssp. huettneri                      | KA 16/109 | San Pedro del Norte, Cord.   | 20  | 0,4  |
| 730    | Gymnocalycium | pflanzii ssp. argentinense                   | JN 1480   | Albigasta, La Rioja, Arg. 696m   | 30  | 0,4  |
| SV0866 | Gymnocalycium | piltziorum                                   | KA 16/104 | za San Blas, LR  | 20  | 0,4  |
| 1505   | Gymnocalycium | piltziorum                                   | P 38      | Sierra de Velasco, La Rioja, 1800m   | 20  | 0,32 |
| 731    | Gymnocalycium | platygonum                                   | JO 455    | Salinas Grandes  | 20  | 0,4  |
| 732    | Gymnocalycium | platygonum                                   | STO 474   | u San Salvador   | 20  | 0,4  |
| 733    | Gymnocalycium | poeschlii                                    | JN 1055   | Rio Quinto, San Luis, Arg. 772m  | 20  | 0,48 |
| 734    | Gymnocalycium | poeschlii                                    | JN 1056   | Las Totoras, San Luis, Arg. 805m   | 20  | 0,48 |
| 736    | Gymnocalycium | prochazkianum                                | STO 1581  | Quilino, Cordoba, Arg.   | 20  | 0,48 |
| 737    | Gymnocalycium | prochazkianum                                | JN 1218   | Quilino, Cordoba, Arg. 428m  | 10  | 0,72 |
| 738    | Gymnocalycium | prochazkianum – simile                       | JN 1486   | Orcosuni, Cordoba, Arg. 663m   | 10  | 0,72 |
| SV0898 | Gymnocalycium | pseudoragonesei                              |           |  | 25  | 0,32 |

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| 864   | Gymnocalycium | quehlianum   | JN 603      | Tanti-Rancho Blanco, Córdoba, Arg. 903m                 | 20  | 0,4  |
| 865   | Gymnocalycium | quehlianum   | SE 6        | Tanti, Córdoba Arg.                                     | 30  | 0,32 |
| 866   | Gymnocalycium | quehlianum   | P 202       | Villa Carloz Paz, Cordoba, 700m                         | 30  | 0,32 |
| 739   | Gymnocalycium | ragonesii  | L 472       | Salinas Grandes, Santiago del Estrelo, 200m Arg.        | 10  | 0,32 |
| 740   | Gymnocalycium | ragonesii  | VS 136      | Salinas Grandes, Catamarca, 300m                        | 10  | 0,32 |
| 741   | Gymnocalycium | ragonesii  | P 18        | Salinas Grandes, Cordoba, 400m                          | 10  | 0,32 |
| 743   | Gymnocalycium | rhodantherum-white spiny form                      | JN 1132     | Chilesito, La Rioja, Arg. 1097m                         | 20  | 0,6  |
| 742   | Gymnocalycium | reductum   | WP 89-13/13 | Sierra de la Ventana, Ruta 76, Buenos Aires             | 30  | 0,4  |
| 744   | Gymnocalycium | riojense   | JN 60       | (špičkové), NP Talampaya, San Juan, Arg. 1285m          | 20  | 0,4  |
| 744,1 | Gymnocalycium | riojense   | JN 60       | (špičkové), NP Talampaya, San Juan, Arg. 1285m          | 100 | 1,4  |
| 745   | Gymnocalycium | riojense   | RF 095      | Talampaya   | 30  | 0,4  |
| 746   | Gymnocalycium | riojense   | PSCA 13     | Vichigasta, La Rioja, Arg.                              | 30  | 0,4  |
| 747   | Gymnocalycium | riojense   | PC 306      | La Serrezuela, Cordoba                                  | 30  | 0,4  |
| 748   | Gymnocalycium | riojense   | VG 04-242   | Illisca   | 20  | 0,4  |
| 752   | Gymnocalycium | riojense   | JO 1040.01  | Patquia   | 30  | 0,4  |
| 753   | Gymnocalycium | riojense   | JO 453      | Carrizal, La Rioja, Arg.                                | 30  | 0,4  |
| 754   | Gymnocalycium | riojense (bodenbenderianum)                        | P 76 C      | Paganzo, La Rioja, 1000m                                | 30  | 0,4  |
| 755   | Gymnocalycium | riojense ssp. paucispinum                          | LF 77       | Los Ramblones, Catamarca, Argentina 600m                | 20  | 0,32 |
| 756   | Gymnocalycium | riojense ssp. paucispinum v. guasayense            | JN 108      | Villa Guasayan, Santiago de Estrelo, Arg. 489m          | 20  | 0,4  |
| 757   | Gymnocalycium | riojense ssp. paucispinum v. guasayense            | JN 594      | Villa Guasayan, Santiago de Estrelo, Arg. 475m          | 20  | 0,4  |
| 758   | Gymnocalycium | riojense ssp. paucispinum v. guasayense - SUPER!   | JN 136      | (deep green epidermis) El Recreo, Catamarca, 235m, Arg. | 20  | 0,4  |
| 1445  | Gymnocalycium | riojense ssp. paucispinum v. triacanthum           | CH 1101     | N of El Bañado, Catamarca                               | 20  | 0,4  |
| 751   | Gymnocalycium | riojense ssp. Vertongenii - hard long spiny form!  | JN 50       | before Thermas Agua Hedionda, San Juan, Arg. 1123m      | 20  | 0,6  |
| 759   | Gymnocalycium | riojense v. guasayense                             | LF 78       | Recreo, Catamarca, 370m Arg.                            | 30  | 0,4  |
| 763   | Gymnocalycium | riojense v. piltziorum – SUPER                     | JN 1035     | Pinchas, La Rioja, Arg. 1583m                           | 20  | 0,6  |
| 760   | Gymnocalycium | riojense v. pipanacoense                           | LF 36       | Mutquin, Catamarca, 1300m                               | 30  | 0,4  |
| 749   | Gymnocalycium | riojense v. sanjuanense                            | JN 1002     | Cuesta de Huaco-Mirador, San Juan, Arg. 1097m           | 20  | 0,4  |
| 750   | Gymnocalycium | riojense v. sanjuanense                            | JN 1118     | Laguna la Cienaga, San Juan, Arg. 1140m                 | 20  | 0,4  |
| 761   | Gymnocalycium | riojense v. triacanthum x stellatum v. paucispinum | JN 126      | Sierra Ancasti VII, Catamarca, Arg. 860m                | 20  | 0,4  |

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| 762    | Gymnocalycium | riojense v. triacanthum x stellatum v. paucispinum | KP 294    | Sierra Ancasti, Catamarca, Arg. 780m                         | 20  | 0,4  |
| 868    | Gymnocalycium | ritterianum  | P 219     | Sierra Famatima, La Rioja, Argentina 1800                    | 30  | 0,32 |
| 868,1  | Gymnocalycium | ritterianum  | P 219     | Sierra Famatima, La Rioja, Argentina 1800                    | 100 | 0,72 |
| SV0868 | Gymnocalycium | ritterianum v. acentrispinum                       | KA 16/106 | Quebrada del Rio Miranda, LR                                 | 20  | 0,48 |
| 764    | Gymnocalycium | robustum   | JN 599    | Quilino, Córdoba, Arg. 427m                                  | 20  | 0,4  |
| 765    | Gymnocalycium | robustum   | JN 1484   | 4km S of Quilino, Cordoba, Arg. 432m                         | 20  | 0,4  |
| 766    | Gymnocalycium | robustum   | LF 80     | Quilino, Cordoba, 600m30                                     | 30  | 0,4  |
| SV0871 | Gymnocalycium | robustum   | KA 16/110 | Quilino II., Cord.   | 20  | 0,32 |
| 767    | Gymnocalycium | saglione   | JN 493    | Quebrada Malcasco, La Rioja, Arg. 1051m                      | 20  | 0,2  |
| 768    | Gymnocalycium | saglione   | JN 542    | La Viñita, Salta, Arg. 1679m                                 | 20  | 0,2  |
| 768,1  | Gymnocalycium | saglione   | JN 542    | La Viñita, Salta, Arg. 1679m                                 | 100 | 0,72 |
| 769    | Gymnocalycium | saglione   | JN 582    | Morales, Salta, Arg. 1361m                                   | 20  | 0,2  |
| 770    | Gymnocalycium | saglione   | JN 587    | La Yesera, Salta, Arg. 1500m                                 | 20  | 0,2  |
| 771    | Gymnocalycium | saglione   | JN 989    | Chepes Viejo, Arg. 733m                                      | 30  | 0,2  |
| 772    | Gymnocalycium | saglione   | JN 1010   | Sañogasta, La Rioja, Arg. 1288m                              | 30  | 0,2  |
| 773    | Gymnocalycium | saglione   | JN 1041   | Sierra de los Colorada, La Rioja, Arg. 564m                  | 30  | 0,2  |
| 774    | Gymnocalycium | saglione   | JN 1163   | Ruinas de Quilmes, Tucuman, Arg. 1855m                       | 30  | 0,2  |
| 775    | Gymnocalycium | saglione   | JN 1129   | jardin botanico Chirau Mita, Chilesito, La Rioja, Arg. 1082m | 30  | 0,2  |
| 776    | Gymnocalycium | saglione   | JN 1441   | Ruynas de Capayan, La Rioja, Arg. 1090m                      | 30  | 0,2  |
| SV0840 | Gymnocalycium | saglione   | KA 16/49D | Ruinas del Quilmes, Tuc.                                     | 20  | 0,2  |
| SV0842 | Gymnocalycium | saglione   | KA 16/50B | Gruta San Cayetano, Tuc.                                     | 20  | 0,2  |
| 779    | Gymnocalycium | saglione v. tilcarensis                            | KR 18     | Purmamarca Arg.  | 20  | 0,2  |
| 780    | Gymnocalycium | saglione v. tilcarensis                            | JN 578    | Tilcara, Jujuy, Arg. 2456m                                   | 20  | 0,2  |
| 781    | Gymnocalycium | schickendantzii                                    | JN 488    | 5km before Ciudad Famatina, La Rioja, Arg. 1169m             | 30  | 0,4  |
| 782    | Gymnocalycium | schickendantzii                                    | JN 490    | Antinaco, La Rioja, Arg. 1177m                               | 30  | 0,4  |
| 783    | Gymnocalycium | schickendantzii                                    | JN 1215   | Telaritos, Catamarca, Arg. 248m                              | 30  | 0,4  |
| 784    | Gymnocalycium | schickendantzii                                    | JN 1217   | San Carlos, Cordoba, Arg. 191m                               | 30  | 0,4  |
| 785    | Gymnocalycium | schickendantzii                                    | JN 1442   | Ruynas de Capayan, La Rioja, Arg. 1090m                      | 30  | 0,4  |
| 786,1  | Gymnocalycium | spgazzinii   | JN 89     | Ruinas del Quilmes, Catamarca, 1768m                         | 100 | 1,4  |
| 787    | Gymnocalycium | spgazzinii   | JN 541    | Quilmes, Tucuman, Arg. 1812m                                 | 20  | 0,4  |
| 788    | Gymnocalycium | spgazzinii   | JN 91     | La Viñita-Cafayate, Salta, Argentina 1685m                   | 20  | 0,48 |
| 788,1  | Gymnocalycium | spgazzinii   | JN 91     | La Viñita-Cafayate, Salta, Argentina 1685m                   | 100 | 1,4  |
| 789    | Gymnocalycium | spgazzinii   | JN 85     | Los Nascimicatas - San José, Salta, Argentina 1989m          | 20  | 0,48 |

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| 789,1 | Gymnocalycium | spgazzinii | JN 85        | Los Nascimicatas - San José, Salta, Argentina 1989m     | 100 | 1,4  |
| 790   | Gymnocalycium | spgazzinii | JN 86        | Amaicha del Valle, Tucuman, Arg. 1810m                  | 20  | 0,48 |
| 790,1 | Gymnocalycium | spgazzinii | JN 86        | Amaicha del Valle, Tucuman, Arg. 1810m                  | 100 | 1,4  |
| 791   | Gymnocalycium | spgazzinii | JN 531 B     | Guanacoyacu, Catamarca, Arg. 2149m                      | 20  | 0,48 |
| 791,1 | Gymnocalycium | spgazzinii | JN 531 B     | Guanacoyacu, Catamarca, Arg. 2149m                      | 100 | 1,4  |
| 793   | Gymnocalycium | spgazzinii | KP 232       | S of Tio Punco, Tucuman, Arg. (d)                       | 20  | 0,48 |
| 794   | Gymnocalycium | spgazzinii | KP 1294      | El Corralito, Salta, Arg. 1629m                         | 20  | 0,6  |
| 795   | Gymnocalycium | spgazzinii | KP 231       | S of Famatanca, Catamarca, Arg.                         | 20  | 0,48 |
| 796   | Gymnocalycium | spgazzinii | JN 83        | Punta de Balasto->Los Nascimitas, Catamarca, Arg. 2146m | 20  | 0,48 |
| 799   | Gymnocalycium | spgazzinii | JN 1151      | Punta de Balasto, Catamarca, Arg. 2136m                 | 20  | 0,48 |
| 799,1 | Gymnocalycium | spgazzinii | JN 1151      | Punta de Balasto, Catamarca, Arg. 2136m                 | 100 | 1,4  |
| 800   | Gymnocalycium | spgazzinii | JN 1152      | ruta 40 km 4230, Catamarca, Arg. 2146m                  | 20  | 0,48 |
| 800,1 | Gymnocalycium | spgazzinii | JN 1152      | ruta 40 km 4230, Catamarca, Arg. 2146m                  | 100 | 1,4  |
| 801   | Gymnocalycium | spgazzinii | JN 1153      | 26km before Loro Huasi, Catamarca, Arg. 2127m           | 20  | 0,48 |
| 801,1 | Gymnocalycium | spgazzinii | JN 1153      | 26km before Loro Huasi, Catamarca, Arg. 2127m           | 100 | 1,4  |
| 802   | Gymnocalycium | spgazzinii | JN 1154      | El Desmonte, Catamarca, Arg. 2149m                      | 20  | 0,48 |
| 803   | Gymnocalycium | spgazzinii | JN 1155      | before Santa Maria, Catamarca, Arg. 1950m               | 20  | 0,48 |
| 803,1 | Gymnocalycium | spgazzinii | JN 1155      | before Santa Maria, Catamarca, Arg. 1950m               | 100 | 1,4  |
| 804   | Gymnocalycium | spgazzinii | JN 1162      | Quilmes, Tucuman, Arg. 1810m                            | 20  | 0,48 |
| 804,1 | Gymnocalycium | spgazzinii | JN 1162      | Quilmes, Tucuman, Arg. 1810m                            | 100 | 1,4  |
| 805   | Gymnocalycium | spgazzinii | JN 1164      | La Viñita, Salta, Arg. 1676m                            | 20  | 0,48 |
| 805,1 | Gymnocalycium | spgazzinii | JN 1164      | La Viñita, Salta, Arg. 1676m                            | 100 | 1,4  |
| 806   | Gymnocalycium | spgazzinii | JN 1166      | Tolombón, Salta, Arg. 1650m                             | 20  | 0,48 |
| 806,1 | Gymnocalycium | spgazzinii | JN 1166      | Tolombón, Salta, Arg. 1650m                             | 100 | 1,4  |
| 807   | Gymnocalycium | spgazzinii | JN 1169      | before Cafayate, Salta, Arg. 1640m                      | 20  | 0,48 |
| 807,1 | Gymnocalycium | spgazzinii | JN 1169      | before Cafayate, Salta, Arg. 1640m                      | 100 | 1,4  |
| 808   | Gymnocalycium | spgazzinii | JN 1225      | Colalo del Valle->Pichao, Tucuman, Arg. 1765m           | 20  | 0,48 |
| 809   | Gymnocalycium | spgazzinii | LF 67        | El Corro, Salta   | 20  | 0,4  |
| 810   | Gymnocalycium | spgazzinii | P 43 D       | Quebrada de Cafayate, Salta                             | 20  | 0,4  |
| 811   | Gymnocalycium | spgazzinii | LF 69        | Capillitas, Catamarca                                   | 20  | 0,4  |
| 812   | Gymnocalycium | spgazzinii | LF 58        | La Encruzijada, Salta                                   | 20  | 0,4  |
| 813   | Gymnocalycium | spgazzinii | STO 93-598/1 | Tres Cruces, Salta                                      | 20  | 0,48 |
| 814   | Gymnocalycium | spgazzinii | STO 93-      | Cafayate, Salta   | 20  | 0,48 |

|        |               |                                 | 725/1     |   |     |      |
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| SV0832 | Gymnocalycium | spgazzinii                      | KA 16/47  | nad Aimacha del Valle, Tuc.                   | 20  | 0,48 |
| SV0834 | Gymnocalycium | spgazzinii                      | KA 16/48A | Amaicha - Ruinas del Quilmes, Tuc.            | 20  | 0,48 |
| 798    | Gymnocalycium | spgazzinii                      | JN 94     | Tolombón, Salta, 1642m, Arg.                  | 20  | 0,48 |
| 798,1  | Gymnocalycium | spgazzinii                      | JN 94     | Tolombón, Salta, 1642m, Arg.                  | 100 | 1,4  |
| SV0863 | Gymnocalycium | spgazzinii                      | KA 16/89  | Cafayate - Belen, Cat.                        | 20  | 0,48 |
| 834    | Gymnocalycium | spgazzinii                      | JL 26     | Cachi, Salta 2500m Arg.                       | 20  | 0,4  |
| 835    | Gymnocalycium | spgazzinii                      | TOG 6     |   | 30  | 0,4  |
| 836    | Gymnocalycium | spgazzinii                      |           | Santa Maria, Salta Arg.                       | 20  | 0,4  |
| 838    | Gymnocalycium | spgazzinii                      | RCB 123   |   | 30  | 0,4  |
| 839    | Gymnocalycium | spgazzinii                      |           | Cafayate, Salta                               | 30  | 0,4  |
| 837    | Gymnocalycium | spgazzinii f. AVF               |           |   | 30  | 0,4  |
| 792    | Gymnocalycium | spgazzinii (miniatur)           | JN 82     | El Desmonte, Catamarca, Argentina 2136m       | 20  | 0,48 |
| 792,1  | Gymnocalycium | spgazzinii (miniatur)           | JN 82     | El Desmonte, Catamarca, Argentina 2136m       | 100 | 1,4  |
| 786    | Gymnocalycium | spgazzinii (světle růžový květ) | JN 89     | Ruinas del Quilmes, Catamarca, 1768m          | 20  | 0,48 |
| SV0853 | Gymnocalycium | spgazzinii f. densiflorum       | KA 16/56  | Garganta El Diablo, Salta                     | 20  | 0,6  |
| 797    | Gymnocalycium | spgazzinii f. hard spine        | JN 536    | Valle de Yokavil, Catamarca, Arg. 1931m       | 20  | 0,48 |
| SV0837 | Gymnocalycium | spgazzinii f. recii             | KA 16/49  | Ruinas del Quilmes, Tuc.                      | 20  | 0,48 |
| SV0841 | Gymnocalycium | spgazzinii f. recii             | KA 16/50  | Gruta San Cayetano, Tuc.                      | 20  | 0,48 |
| 818    | Gymnocalycium | spgazzinii ssp. Horizontalonium | VS 107    | Cachipampa, Salta, Arg. 3200m                 | 20  | 0,4  |
| 821    | Gymnocalycium | spgazzinii ssp. Punillaense     | JN 104    | La Punilla, Salta, Argentina 1790m            | 20  | 0,6  |
| 821,1  | Gymnocalycium | spgazzinii ssp. Punillaense     | JN 104    | La Punilla, Salta, Argentina 1790m            | 100 | 1,6  |
| 822    | Gymnocalycium | spgazzinii ssp. Punillaense     | JN 1170   | Punilla, Salta, Arg. 1568m                    | 20  | 0,6  |
| 822,1  | Gymnocalycium | spgazzinii ssp. Punillaense     | JN 1170   | Punilla, Salta, Arg. 1568m                    | 100 | 1,6  |
| 823    | Gymnocalycium | spgazzinii ssp. Punillaense     | JN 105    | natur monument El Obelisco, Salta, Arg. 1522m | 10  | 0,6  |
| 824    | Gymnocalycium | spgazzinii ssp. Punillaense     | JN 1172   | El Obelisco, Salta, Arg. 1533m                | 20  | 0,6  |
| 824,1  | Gymnocalycium | spgazzinii ssp. Punillaense     | JN 1172   | El Obelisco, Salta, Arg. 1533m                | 100 | 1,6  |
| 825    | Gymnocalycium | spgazzinii ssp. Punillaense     | VS 79     | El Obelisco, Salta, Arg. 1600m                | 20  | 0,4  |
| 826    | Gymnocalycium | spgazzinii ssp. Punillaense     | LF 45     | El Obelisco, Salta                            | 20  | 0,4  |
| 819    | Gymnocalycium | spgazzinii ssp. Sarkae          | JN 99     | San Felipe-La Angostura, Salta, 1733m Arg.    | 20  | 0,48 |
| 819,1  | Gymnocalycium | spgazzinii ssp. Sarkae          | JN 99     | San Felipe-La Angostura, Salta, 1733m Arg.    | 100 | 1,4  |
| 820    | Gymnocalycium | spgazzinii ssp. Sarkae          | KP 245    | San Felipe, Salta                             | 20  | 0,48 |
| 827    | Gymnocalycium | spgazzinii v. mayor             | JN 547    | 1km behind San Rafael city, Salta, Arg. 1699m | 20  | 0,48 |



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| 828    | Gymnocalycium | spgazzinii v. mayor                                   | JN 550        | 2km behind El Indio, Salta, Arg. 1893m                     | 20  | 0,48 |
| 830    | Gymnocalycium | spgazzinii v. mayor                                   | JN 98         | San Carlos -> Angastaco, Salta, 1688m Arg.                 | 20  | 0,48 |
| 831    | Gymnocalycium | spgazzinii v. mayor                                   | LF 68         | La Angostura, Salta  | 20  | 0,4  |
| 831,1  | Gymnocalycium | spgazzinii v. mayor                                   | LF 68         | La Angostura, Salta  | 100 | 1,2  |
| 829    | Gymnocalycium | spgazzinii v. mayor (long spine, very dark epidermis) | JN 564        | Alfarsito, Salta, Arg. 3050m                               | 20  | 0,6  |
| 829,1  | Gymnocalycium | spgazzinii v. mayor (long spine, very dark epidermis) | JN 564        | Alfarsito, Salta, Arg. 3050m                               | 100 | 1,6  |
| 833    | Gymnocalycium | spgazzinii v. mayor f. Gigantea                       | JN 101        | Corte la Flecha, Salta, 1874m Arg.                         | 20  | 0,48 |
| 832    | Gymnocalycium | spgazzinii v. mayor f. hard spines                    | JN 102        | La Cabaña, Salta, 1922m                                    | 20  | 0,48 |
| SV0852 | Gymnocalycium | spgazzinii v. punillaense f. centrispinum             | KA 16/55      | El Obelisco, Salta   | 20  | 0,6  |
| SV0851 | Gymnocalycium | spgazzinii v. punillaense typus                       | KA 16/54      | před mostem La Punilla, Salta                              | 20  | 0,6  |
| SV0829 | Gymnocalycium | spgazzinii v. giganteum                               | KA 16/41      | Rio San Jose, Salta  | 20  | 0,6  |
| 840    | Gymnocalycium | stellatum   | P 196         | Villa de America, Cordoba, Arg. 800m                       | 20  | 0,4  |
| 841    | Gymnocalycium | stellatum   | JN 157        | Villa Tulumba ->San José de la Dormida, Cordoba, Arg. 493m | 20  | 0,4  |
| 842    | Gymnocalycium | stellatum   | JN 161        | Villa Del Tutorial, Córdoba, Arg. 575m                     | 20  | 0,4  |
| 843    | Gymnocalycium | stellatum   | KP 325        | N of Simbolar, Cordoba, Arg. 511m                          | 30  | 0,4  |
| 844    | Gymnocalycium | stellatum   | JN 118        | Icaño – Sierra Ancasti, Catamarca 482m Argentina           | 20  | 0,4  |
| 845    | Gymnocalycium | stellatum   | STO 87-99/1   | Sierra Masa, Cordoba                                       | 30  | 0,4  |
| 847    | Gymnocalycium | stellatum f. minimum (chocolate epidermis)            | JN 145        | Jayne Peter, Córdoba, Argentina 601m                       | 20  | 0,4  |
| 846    | Gymnocalycium | stellatum v. flavispinum                              | CH 943        | Tanti, Cordoba, Arg.                                       | 30  | 0,4  |
| 848    | Gymnocalycium | stellatum v. kleinianum                               | MT 08-413     | Olean, Cordoba   | 30  | 0,4  |
| 849    | Gymnocalycium | strigianum  | JPR 92-87/197 | Lujan De Cuyo, Mendoza                                     | 30  | 0,4  |
| 850    | Gymnocalycium | strigianum  | GN 88-54/122  | Lujan de Cuyo, Mendoza 800m                                | 20  | 0,28 |
| 851    | Gymnocalycium | strigianum  | WR 548        | Jeggle, Mendoza  | 20  | 0,28 |
| 852    | Gymnocalycium | strigianum  | JN 1418       | Los Reunys, Mendoza, Arg. 884m                             | 20  | 0,4  |
| 853    | Gymnocalycium | strigianum  | JN 967        | 25 de Mayo-hydroelektárna, Mendoza, Arg. 887m              | 20  | 0,4  |
| 853,1  | Gymnocalycium | strigianum  | JN 967        | 25 de Mayo-hydroelektárna, Mendoza, Arg. 887m              | 100 | 1,4  |
| 854    | Gymnocalycium | strigianum – long spiny form 5-6cm                    | JN 973        | La Tosca, Mendoza, Arg. 1153m                              | 20  | 0,4  |
| 854,1  | Gymnocalycium | strigianum – long spiny form 5-6cm                    | JN 973        | La Tosca, Mendoza, Arg. 1153m                              | 100 | 1,4  |
| 856    | Gymnocalycium | strigianum v. herminae                                | JN 981        | before Ungarteche, Mendoza, Arg. 893m                      | 20  | 0,4  |
| 856,1  | Gymnocalycium | strigianum v. herminae                                | JN 981        | before Ungarteche, Mendoza, Arg. 893m                      | 100 | 1,4  |

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| 855    | Gymnocalycium  | striglianum v. herminae SUPER! | JN 980    | San José -> Ungarteche, Mendoza, Arg. 1118m       | 20  | 0,4  |
| 855,1  | Gymnocalycium  | striglianum v. herminae SUPER! | JN 980    | San José -> Ungarteche, Mendoza, Arg. 1118m       | 100 | 1,4  |
| 869    | Gymnocalycium  | taningaense                    | P 212     | Salsacata ->Tanninga, Cordoba, Arg. 950m          | 30  | 0,4  |
| 870    | Gymnocalycium  | taningaense                    | LB 1003   | La Mudana, Cordoba, Arg. 1130m                    | 20  | 0,4  |
| 871    | Gymnocalycium  | uruguayense v. roseiflorum     | LB 655    | near Arroyo Tres Cruces, Artigas, Uruguay         | 10  | 0,48 |
| 1507   | Gymnocalycium  | vatterii                       | SI 6A/96  | Digue de la Viña, Cordoba                         | 20  | 0,2  |
| 1508   | Gymnocalycium  | vatterii                       | LF 96     | Las Rabonas, Cordoba, 900m                        | 20  | 0,2  |
| 867    | Gymnocalycium  | vatteri                        | MT 07-159 | Nono, Cordoba                                     | 30  | 0,4  |
| 872    | Haageocereus   | divaricatispinus               | KK 559    | Rio Lurin, 1200 Peru                              | 20  | 0,48 |
| SV0577 | Haageocereus   | chosicensis                    | KK 234    | Chosica, Peru 800-1000m                           | 20  | 0,48 |
| SV0578 | Haageocereus   | chosicensis                    | KK 234    | Chosica, Peru 800-1000m                           | 50  | 1,12 |
| SV0581 | Haageocereus   | pluriflorus                    | KK 550    | Rio Majes, Peru 1000m                             | 20  | 0,48 |
| SV0582 | Haageocereus   | pluriflorus                    | KK 550    | Rio Majes, Peru 1000m                             | 50  | 1,12 |
| SV0575 | Haageocereus   | aureispinus                    | KK 1110   | Huaral,Peru 800m                                  | 20  | 0,48 |
| SV0576 | Haageocereus   | aureispinus                    | KK 1110   | Huaral,Peru 800m                                  | 50  | 1,12 |
| SV0579 | Haageocereus   | pectinatus                     | KK 1104   | Rio Chillon, Peru 1000m                           | 20  | 0,48 |
| SV0580 | Haageocereus   | pectinatus                     | KK 1104   | Rio Chillon, Peru 1000m                           | 50  | 1,12 |
| SV0583 | Haageocereus   | setosus                        | KK 358    | Pucusana, Lima, Peru 300-500m                     | 20  | 0,48 |
| SV0584 | Haageocereus   | setosus                        | KK 358    | Pucusana, Lima, Peru 300-500m                     | 50  | 1,12 |
| 876    | Harrisia       | pomanensis                     | JN 1208   | Icaño, Catamarca, Arg. 370m                       | 30  | 0,4  |
| 877    | Harrisia       | pomanensis                     | JN 1205   | Lavalle->ruta 64, Santiago del Estrelo, Arg. 604m | 30  | 0,4  |
| 878    | Harrisia       | pomanensis                     | JN 1485   | 4km S of Quilino, Cordoba, Arg. 432m              | 30  | 0,4  |
| 873    | Harrisia       | species                        | JN 140    | Quilino, Córdoba, Arg. 436m                       | 20  | 0,4  |
| 874    | Harrisia       | species                        | JN 595    | Villa Guasayán, Santiago de Estrelo, Arg. 475m    | 30  | 0,4  |
| 875    | Harrisia       | species                        | JN 596    | Villa Guasayán, Santiago de Estrelo, Arg. 475m    | 100 | 0,72 |
| SV0820 | Harrisia       | pomaensis                      | KA 16/31  | San Pablo, Hualalpina, Cat.                       | 20  | 0,2  |
| SV0699 | Hesperaloe     | parviflora                     |           | frosthardy -12°C, Texas, USA                      | 20  | 0,4  |
| 879    | Horridocactus  | pulchellus                     | KK 604    | Chañaral, 200m Chile                              | 20  | 0,4  |
| 879,1  | Horridocactus  | pulchellus                     | KK 604    | Chañaral, 200m Chile                              | 100 | 1,4  |
| 880    | Islaya         | islayensis                     | KK 1078   | Islay, Matarani, Peru 200-600m                    | 30  | 0,4  |
| 881    | Leuchtenbergia | principis                      |           |   | 10  | 0,2  |
| 904    | Lobivia        | famatimensis                   | KP 70     | Corrales-Tres Piedras, La Rioja, Arg. 2481m       | 10  | 0,4  |
| 805    | Lobivia        | famatimensis                   | PSCA 1A   | near Guandacol, La Rioja, Arg.                    | 20  | 0,8  |

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| 1533  | Lobivia | famatimensis     | HUN 450   | SW of Villa Union, La Rioja                      | 10  | 1    |
| 1534  | Lobivia | famatimensis     | GC 408.01 | Sierra Famatina, La Rioja, Arg. 2850             | 10  | 1,2  |
| 882   | Lobivia | aurea            | JN 988    | Chepes Viejo, La Rioja, Arg. 733m                | 20  | 0,4  |
| 883   | Lobivia | aurea            | JN 1038   | Las Peñas, La Rioja, Arg. 1517m                  | 30  | 0,4  |
| 884   | Lobivia | aurea            | JN 1175   | El Anfiteatro, Salta, Arg. 1423m                 | 20  | 0,4  |
| 885   | Lobivia | aurea            | JN 1211   | Miraflores, Catamarca, Arg. 639m                 | 20  | 0,4  |
| 886   | Lobivia | aurea            | JN 1219   | Quilino, Cordoba, Arg. 428m                      | 20  | 0,4  |
| 888   | Lobivia | aurea            | JN 504    | Estancia Mazan, La Rioja, Arg. 624m              | 30  | 0,4  |
| 889   | Lobivia | aurea            | JN 508    | Sierra Mazan, La Rioja, Arg. 592m                | 30  | 0,4  |
| 890   | Lobivia | aurea            | JN 581    | Casa de Piedra, Salta, Arg. 1240m                | 20  | 0,4  |
| 891   | Lobivia | aurea            | JN 583    | Morales, Salta, Arg. 1361m                       | 20  | 0,4  |
| 892   | Lobivia | aurea            | JN 585    | El Anfiteatro, Salta, Arg. 1408m                 | 20  | 0,4  |
| 893   | Lobivia | aurea            | JN 494    | Quebrada Malcasco, La Rioja, Arg. 1051m          | 20  | 0,4  |
| 898   | Lobivia | aurea v. fallax  | WS 81     | Los Colorados, La Rioja 640m Arg.                | 20  | 0,4  |
| 899   | Lobivia | aurea v. fallax  | JN 1033   | Quebrada de Mazan, La Rioja, Arg. 597m           | 30  | 0,4  |
| 900   | Lobivia | aurea v. fallax  | JN 1465   | 2km before Señor de la Peña, La Rioja, Arg. 852m | 30  | 0,4  |
| 901   | Lobivia | aurea v. fallax  | JN 1468   | Sierra Mazan, La Rioja, Arg. 594m                | 30  | 0,4  |
| 902   | Lobivia | dobeana          | JN 1475   | Guamba, La Rioja, Arg. 1537m                     | 20  | 0,4  |
| 903   | Lobivia | dobeana          | JN 1478   | Vilismán, La Rioja, Arg. 1026m                   | 20  | 0,4  |
| 909   | Lobivia | ferox            | PSCA 85   | Escuina Negra, Salta, Arg.                       | 20  | 0,48 |
| 910   | Lobivia | ferox            | PSCA 65   | Quebrada del Toro, Salta, Arg. 3540m             | 20  | 0,48 |
| 911   | Lobivia | ferox            | PSCA 82   | Humahuaca, Jujuy, Arg. 3050m                     | 20  | 0,48 |
| 912   | Lobivia | ferox            | PSCA 84   | Esquinas Blancas, Jujuy, Arg.                    | 20  | 0,48 |
| 906   | Lobivia | ferox            | OF 61-80  | (white-creme fl.), La Quiaca, Jujuy, Arg.        | 20  | 0,4  |
| 907   | Lobivia | ferox-longispina | JO 145    | Iruya, Jujuy, Arg.                               | 20  | 0,48 |
| 908   | Lobivia | ferox-longispina | KP 565    | Tilcara, Jujuy, Arg. 2333m                       | 20  | 0,48 |
| 913   | Lobivia | glauca           | JN 1189   | Alfarsito, Salta, Arg. 2976m                     | 15  | 0,4  |
| 914   | Lobivia | chrysacantha     | JN 561    | canyon Quebrada de Carachi, Salta, Arg. 2565m    | 10  | 0,6  |
| 916   | Lobivia | marsonerii       | JN 576    | Miyuyoc, Jujuy, Arg. 3813m                       | 20  | 0,4  |
| 917   | Lobivia | variicolor       | JN 75     | Amaicha del Valle II, Tucuman, 2875m Arg.        | 20  | 0,2  |
| 917,1 | Lobivia | variicolor       | JN 75     | Amaicha del Valle II, Tucuman, 2875m Arg.        | 100 | 0,72 |
| 918   | Lobivia | variicolor       | JN 537    | Los Zazos, Tucuman, Arg. 2750m                   | 20  | 0,2  |
| 918,1 | Lobivia | variicolor       | JN 537    | Los Zazos, Tucuman, Arg. 2750m                   | 100 | 0,72 |

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| 919    | Lobivia    | variicolor                               | JN 1159  | Cuesta de los Cardones, Tucuman, Arg. 2795m     | 20 | 0,2  |
| 920    | Lobivia    | variicolor                               | JN 1160  | Cuesta de los Cardones, Tucuman, Arg. 2795m     | 20 | 0,2  |
| SV0530 | Lophophora | koehresii (resp. viridescens)            | RS 1182  | El Sabino, SLP                                  | 10 | 1,28 |
| SV0754 | Lophophora | williamsii                               | RS 738A  | Ej.Soledad, NL                                  | 10 | 0,88 |
| SV0755 | Lophophora | williamsii                               | RS 278   | Pozas de Sta.Clara, SLP                         | 10 | 0,8  |
| SV0767 | Lophophora | williamsii                               | RS 043   | Huasteca Canyon, NL                             | 10 | 1    |
| D3055  | Lophophora | diffusa v. koehresii                     |          |   | 20 | 1    |
| D4113  | Lophophora | fricii                                   |          |   | 20 | 1,2  |
| SV0753 | Lophophora | fricii f. roseiflora                     | RS 404B  | Viesca, COAH,                                   | 10 | 1,12 |
| D3065  | Lophophora | williamsii                               |          |   | 20 | 0,24 |
| D0065  | Lophophora | williamsii                               |          | Huizache, SLP                                   | 20 | 1,2  |
| D3057  | Lophophora | williamsii                               |          | Arteaga, Coah                                   | 20 | 1,2  |
| D3060  | Lophophora | williamsii                               |          | Menchaca, Parras                                | 20 | 1,2  |
| D803   | Lophophora | williamsii                               |          | Cuatro Cienegas, Coah                           | 20 | 1,2  |
| D2046  | Lophophora | williamsii                               |          | Presidio, Texas                                 | 20 | 1,2  |
| D3063  | Lophophora | williamsii                               |          | Sierra de la Paila, Coah                        | 20 | 1,2  |
| D1068  | Lophophora | williamsii                               | SB 854   | Starr Co., Texas                                | 20 | 1,2  |
| D804   | Lophophora | williamsii                               | MZ 032   | Hipolito, Coah.                                 | 20 | 1,2  |
| D2047  | Lophophora | williamsii                               | MK 24.61 | Tanque Manchaca                                 | 20 | 1,4  |
| D805   | Lophophora | williamsii                               | PP 866   | Tanque Manchaca, Coah.                          | 20 | 1,4  |
| D3067  | Lophophora | williamsii                               | SB 418   | Presidio Co., Texas                             | 20 | 1,4  |
| D1069  | Lophophora | williamsii f. texensis                   |          |   | 20 | 1    |
| D1070  | Lophophora | williamsii v. pluricostata               |          |   | 20 | 1,12 |
| 936    | Maihuenia  | patagonica                               | JN 1083  | Mallin Grande, Chubut, Arg. 835m                | 10 | 1    |
| 945    | Maihuenia  | patagonica                               | JN 1405  | PN Laguna Blanca -> Zapala, Neuquen, Arg. 1313m | 10 | 0,8  |
| 930    | Maihuenia  | patagonica – multicolor spiny form 5-6cm | JN 927   | Playa Union, Chubut, Arg. 3m                    | 10 | 1,4  |
| 927    | Maihuenia  | patagonica – multicolor spiny form 6-8cm | JN 919   | Sierra Chata, Chubut, Arg. 134m                 | 10 | 1    |
| 944    | Maihuenia  | patagonica – white spiny form            | JN 1396  | before Tecka, Chubut, Arg. 797m                 | 10 | 1    |
| 946    | Maihuenia  | patagonica – winter resistant            | JN 1422  | Pampa de los Avestruses, Mendoza, Arg. 2053m    | 10 | 1    |
| 943    | Maihuenia  | patagonica-winter resistant              | JN 1392  | Rio Senquer, Chubut, Arg. 438m                  | 10 | 1    |
| 921    | Maihuenia  | patagonica                               | KR 3     | Zapala, Neuquen 810m Arg.                       | 10 | 1    |
| 922    | Maihuenia  | patagonica                               | JN 405   | NP Laguna Blanca, Neuquen, Arg. 1065m           | 20 | 0,6  |

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| 922,1 | Maihuenia    | patagonica                                | JN 405  | NP Laguna Blanca, Neuquen, Arg. 1065m             | 100 | 2,36 |
| 923   | Maihuenia    | patagonica                                | JN 406  | Zapala-Primeros Piños/ruta 13, Neuquen, Arg. 849m | 20  | 0,6  |
| 923,1 | Maihuenia    | patagonica                                | JN 406  | Zapala-Primeros Piños/ruta 13, Neuquen, Arg. 849m | 100 | 2,36 |
| 924   | Maihuenia    | patagonica                                | JN 407  | Primeros Piños, Neuquen, Arg. 1226m               | 20  | 0,6  |
| 924,1 | Maihuenia    | patagonica                                | JN 407  | Primeros Piños, Neuquen, Arg. 1226m               | 100 | 2,36 |
| 925   | Maihuenia    | patagonica                                | JN 408  | Llamuco, Neuquen, Arg. 1193m                      | 20  | 0,6  |
| 925,1 | Maihuenia    | patagonica                                | JN 408  | Llamuco, Neuquen, Arg. 1193m                      | 100 | 2,36 |
| 926   | Maihuenia    | patagonica                                | JN 422  | Llano Blanco, Mendoza, Arg. 1390m                 | 10  | 0,88 |
| 929   | Maihuenia    | patagonica                                | JN 922  | Estancia Santa Elena, Chubut, Arg. 145m           | 10  | 0,8  |
| 934   | Maihuenia    | patagonica                                | JN 1074 | Puerto Rawson, Chbut, Arg. 5m                     | 10  | 1    |
| 938   | Maihuenia    | patagonica                                | JN 1088 | Espinazo del Zoro, Neuquen, Arg. 1113m            | 10  | 0,8  |
| 939   | Maihuenia    | patagonica                                | JN 1089 | entrada NP Laguna Blanca, Neuquen, Arg. 1317m     | 10  | 0,8  |
| 940   | Maihuenia    | patagonica                                | JN 953  | Zapala -> Primeros Piños, Neuquen, Arg. 1075m     | 10  | 0,8  |
| 941   | Maihuenia    | patagonica                                | JN 954  | Ranquil del Norte, Mendoza, Arg. 1454m            | 10  | 0,8  |
| 928   | Maihuenia    | patagonica – creme spiny form 2-3cm       | JN 921  | ruta 8 a Trelew, Chubut, Arg. 74m                 | 10  | 0,8  |
| 942   | Maihuenia    | patagonica – long spiny form (north area) | JN 955  | before Bardas Blancas, Mendoza, Arg. 1390m        | 10  | 0,8  |
| 931   | Maihuenia    | patagonica f. albispina                   | JN 928  | Playa Union, Chubut, Arg. 3m                      | 10  | 0,8  |
| 935   | Maihuenia    | patagonica, multicolor spiny form 10cm    | JN 1081 | camino a Gan Gan, Chubut, Arg. 735m               | 10  | 1    |
| 932   | Maihuenia    | patagonica-multicolor spiny form,         | JN 1070 | Playa Union, Chubut, Arg. 2m                      | 10  | 0,8  |
| 933   | Maihuenia    | patagonica-multicolor spiny form,         | JN 1376 | Playa Union, Chubut, Arg. 2m                      | 10  | 0,8  |
| 937   | Maihuenia    | patagonica-small form                     | JN 1085 | Gastre->Ing. Jacobacci, Chubut, Arg. 876m         | 10  | 1,2  |
| 950   | Maihuenopsis | domeykoensis-long gold spiny!             | JN 1339 | Mina Felix, Atacama, 1414m Chile                  | 10  | 2    |
| 951   | Maihuenopsis | glomerata                                 | DJF 177 | Uspallata, Mendoza, Arg                           | 10  | 1,2  |
| 952   | Maihuenopsis | glomerata                                 | JN 454  | Uspallata, Mendoza, Arg. 1987m                    | 20  | 1,2  |
| 952,1 | Maihuenopsis | glomerata                                 | JN 454  | Uspallata, Mendoza, Arg. 1987m                    | 100 | 4,8  |
| 953   | Maihuenopsis | glomerata                                 | JN 456  | San Alberto, Mendoza, Arg. 2144m                  | 20  | 1,2  |
| 953,1 | Maihuenopsis | glomerata                                 | JN 456  | San Alberto, Mendoza, Arg. 2144m                  | 100 | 4,8  |
| 954   | Maihuenopsis | glomerata                                 | JN 457  | before Tambillos, Mendoza, Arg. 2262m             | 20  | 1,2  |
| 954,1 | Maihuenopsis | glomerata                                 | JN 457  | before Tambillos, Mendoza, Arg. 2262m             | 100 | 4,8  |
| 955   | Maihuenopsis | glomerata                                 | JN 458  | Tambillos-archeologic place, Mendoza, Arg. 2317m  | 20  | 1,2  |
| 955,1 | Maihuenopsis | glomerata                                 | JN 458  | Tambillos-archeologic place, Mendoza, Arg. 2317m  | 100 | 4,8  |
| 956   | Maihuenopsis | glomerata                                 | JN 1108 | Estancia Tambillos, Mendoza, Arg. 2326m           | 10  | 0,6  |
| 947   | Maihuenopsis | boliviana                                 | JN 1195 | Abra Blanca, Salta, Arg. 4080m                    | 10  | 1,2  |

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| 948    | Maihuenopsis | boliviana                | JN 1158  | before Estancia El Chunque, Tucuman, Arg. 2946m            | 10  | 1    |
| 949    | Maihuenopsis | bruchii                  | RS 1448  | Talabre, Chile   | 10  | 0,8  |
| 957    | Maihuenopsis | ovata                    | KP 1124  | Valle Las Vegas, Mendoza, Arg. 2159m                       | 10  | 0,4  |
| 958    | Maihuenopsis | ovata                    | JN 1412  | San Ceferino, Mendoza, Arg. 1436m                          | 10  | 0,4  |
| SV0422 | Mammillaria  | guelzowiana v. robustior | RS 761   | R. Nazas, Durango  | 15  | 0,4  |
| SV0321 | Mammillaria  | hutchisoniana            | SB 1250  | Los Angeles, BCS, short fat stem                           | 25  | 0,4  |
| SV0440 | Mammillaria  | lasiacantha              | RS 127   | Rincon de Montero, Coahuila                                | 20  | 0,4  |
| SV0546 | Mammillaria  | tepexicensis             | FO, 177  | Temazulapán, Oaxaca  | 10  | 0,4  |
| SV0355 | Mammillaria  | xaltianguiensis          | SB 606   | Xaltianguis  | 20  | 0,4  |
| SV0316 | Mammillaria  | armillata                | LO 53    | Bahia de los Muertos, BCS, loves heat                      | 20  | 0,4  |
| SV0913 | Mammillaria  | candida                  | RS 288   | Matehuala > Doctor Arroyo, SLP, kvete již v malé velikosti | 25  | 0,4  |
| SV0326 | Mammillaria  | carnea                   | KSS 012  | Zapotitlan de Salinas, Puebla                              | 25  | 0,4  |
| SV0542 | Mammillaria  | gasseriana               | RS 1022  | Rodeo-Bio Nazas, Durango                                   | 20  | 0,4  |
| SV0423 | Mammillaria  | guelzowiana              | RS 761A  | Mina de Navidad, Durango                                   | 15  | 0,4  |
| SV0340 | Mammillaria  | haageana f. conspicua    | FO-210   | Zapotitlan, Pue, hnědé konce trnů !                        | 25  | 0,4  |
| SV0428 | Mammillaria  | haemisphaerica           | RS 100   | Huasteca Canyon NL   | 30  | 0,32 |
| SV0259 | Mammillaria  | hirsuta                  | Rep 1236 | Ahualulco 1900 m , SLP, velmi pěkné rostliny               | 25  | 0,4  |
| SV0260 | Mammillaria  | hirsuta                  | Rep 1236 | Ahualulco 1900 m , SLP, velmi pěkné rostliny               | 50  | 0,64 |
| SV0261 | Mammillaria  | hirsuta                  | Rep 1236 | Ahualulco 1900 m , SLP, velmi pěkné rostliny               | 100 | 1,12 |
| SV0328 | Mammillaria  | karwinskiana             | SB 605   | Quiotepec, Oax., red tinged stem                           | 25  | 0,4  |
| SV0358 | Mammillaria  | karwinskiana             | REP 851  | Tehuiztla, Pue   | 25  | 0,4  |
| SV0424 | Mammillaria  | longiflora               | RS 768   | Coneta Pass, Durango                                       | 15  | 0,4  |
| SV0305 | Mammillaria  | meiacantha               | RP 89    | Watrous, Ft Union, NM, pink midstripes                     | 30  | 0,4  |
| SV0310 | Mammillaria  | meiacantha               | RP 89    | Watrous, Ft Union, NM, pink midstripes                     | 5   | 1    |
| SV0342 | Mammillaria  | microcarpa               | SB 1778  | Tucson, Az, yellow spined form                             | 25  | 0,4  |
| SV0393 | Mammillaria  | phitauiana               | SB 1259  | n San Jose del Cabo  | 20  | 0,4  |
| SV0396 | Mammillaria  | wildii                   | SB 144   | Metzquititlan, Hid, tiny and soft                          | 25  | 0,4  |
| SN0015 | Matucana     | formosa                  | KK 276   | red flowers, stem covered with short spines                | 10  | 0,96 |
| SN0023 | Matucana     | haynei var. cereoides    | KK 460   | tall robust stem   | 10  | 0,96 |
| SN0019 | Matucana     | intertexta               | KK 1085  | Crisnejas 1800m, bright red flowers                        | 10  | 0,96 |
| SN0020 | Matucana     | intertexta               | KK 1316  | Matara 2200m, short spines, orange fl                      | 10  | 0,96 |
| SV0742 | Matucana     | haynei f. clavispinga    | KK 575   | Vulcan Coracora 3500m                                      | 10  | 0,96 |
| SN0018 | Matucana     | haynei v. perplexa       | KK 730   | Yunguyo 3800m, yellowish spines                            | 10  | 0,96 |

|        |              |                             |         |  |     |      |
|--------|--------------|-----------------------------|---------|--|-----|------|
| SN0017 | Matucana     | madisoniorum                | L 106   | Pongo Rentema Amazonas, Peru                   | 10  | 0,96 |
| SN0021 | Matucana     | madisoniorum                | KK 456  | occasional spines, long red flowers            | 10  | 0,96 |
| SN0022 | Matucana     | madisoniorum                | KK 537  | Ocona, Peru                                    | 10  | 0,96 |
| SN0024 | Matucana     | madisoniorum                | KK 456  | dlouhé červené trny                            | 10  | 0,96 |
| SN0016 | Matucana     | madisoniorum var. albiflora |         | bíle kvetoucí varieta                          | 10  | 0,96 |
| 961    | Mediolobivia | einsteinii                  | JN 1194 | Esquina Negra, Salta, 3249m                    | 10  | 1,2  |
| SV0914 | Mediolobivia | eunanthema                  | KK 871  | Escayachi,Sama,4300m, Bolivie                  | 20  | 0,32 |
| 964    | Mila         | caespitosa                  | KK 243  | Santa Clara, Peru 800m                         | 10  | 0,4  |
| SV0736 | Mila         | fortalezensis               | KK 1405 | Rio Forteleza, bright yellow flowers           | 10  | 0,6  |
| SV0737 | Mila         | maritima                    | KK 768  | Paramonga, small bright yellow flowers         | 10  | 0,6  |
| SV0738 | Mila         | nealeana                    | KK 454  | Rio Eulalia, thick tuberous roots              | 10  | 0,6  |
| 980    | Neopterteria | litoralis v. albidiflora    | JN 1361 | Los Vilos, Coquimbo, 10m Chile                 | 20  | 0,6  |
| 965    | Neopterteria | aff. Coimasensis            | JN 643  | Totalalillo near ocean, Coquimbo, 38m Chile    | 10  | 0,6  |
| 966    | Neopterteria | clavata ssp. Clavata        | JN 772  | Las Rojas, Coquimbo, 217m, Chile               | 10  | 0,6  |
| 971    | Neopterteria | limariensis                 | KR 51   | NP Fray Jorge, Coquimbo, Chile                 | 20  | 0,4  |
| 971,1  | Neopterteria | limariensis                 | KR 51   | NP Fray Jorge, Coquimbo, Chile                 | 100 | 1,4  |
| 972    | Neopterteria | litoralis                   | JN 622  | Los Molles, Valparaiso, 5m Chile               | 30  | 0,4  |
| 972,1  | Neopterteria | litoralis                   | JN 622  | Los Molles, Valparaiso, 5m Chile               | 100 | 1    |
| 973    | Neopterteria | litoralis                   | JN 1229 | Los Molles, Valparaiso, 2m Chile               | 30  | 0,4  |
| 974    | Neopterteria | litoralis                   | JN 634  | Los Vilos near ocean, Coquimbo, 4m Chile       | 20  | 0,4  |
| 974,1  | Neopterteria | litoralis                   | JN 634  | Los Vilos near ocean, Coquimbo, 4m Chile       | 100 | 1,4  |
| 975    | Neopterteria | litoralis                   | JN 759  | 5km S of Punta Ballena, Coquimbo, 2m, Chile    | 20  | 0,4  |
| 975,1  | Neopterteria | litoralis                   | JN 759  | 5km S of Punta Ballena, Coquimbo, 2m, Chile    | 100 | 1,4  |
| 976    | Neopterteria | litoralis                   | JN 761  | Punta Pichidangui, Coquimbo, 19m, Chile        | 20  | 0,4  |
| 976,1  | Neopterteria | litoralis                   | JN 761  | Punta Pichidangui, Coquimbo, 19m, Chile        | 100 | 1,4  |
| 977    | Neopterteria | litoralis                   | JN 890  | Puerto Punta Chungo, Coquimbo, 15m Chile       | 20  | 0,4  |
| 977,1  | Neopterteria | litoralis                   | JN 890  | Puerto Punta Chungo, Coquimbo, 15m Chile       | 100 | 1,4  |
| 978    | Neopterteria | litoralis                   | JN 891  | Totalalillo – privat campo, Coquimbo, 7m Chile | 20  | 0,4  |
| 978,1  | Neopterteria | litoralis                   | JN 891  | Totalalillo – privat campo, Coquimbo, 7m Chile | 100 | 1,4  |
| 979    | Neopterteria | litoralis                   | KR 53   | Trapische, Coquimbo, Chile                     | 20  | 0,4  |
| 979,1  | Neopterteria | litoralis                   | KR 53   | Trapische, Coquimbo, Chile                     | 100 | 1,4  |
| 982    | Neopterteria | multicolor                  | KK 48   | La Serena -> Vicuna, Chile                     | 20  | 0,4  |
| 981    | Neopterteria | nigrihorrida                | JN 1255 | Quebrada Honda, Coquimbo, 189m Chile           | 10  | 0,6  |

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|--------|-------------|--------------------------|--------|--|-----|------|
| 983    | Neoporteria | rapifera                 | JN 775 | Puente Pelicana, Coquimbo, 315m Chile  | 10  | 0,4  |
| 983,1  | Neoporteria | rapifera                 | JN 775 | Puente Pelicana, Coquimbo, 315m Chile  | 100 | 2,36 |
| 984    | Neoporteria | rapifera                 | JN 776 | Rio Elqui, Coquimbo, 331m Chile  | 10  | 0,4  |
| 984,1  | Neoporteria | rapifera                 | JN 776 | Rio Elqui, Coquimbo, 331m Chile  | 100 | 2,36 |
| 985    | Neoporteria | senilis ssp. Coimasensis | JN 184 | off road Sierra Putuaendo near small private house, Valparaiso, Chile 726 m                | 10  | 0,4  |
| 986    | Neoporteria | senilis ssp. Coimasensis | JN 188 | off road Sierra Putuaendo – Alicahue, Valparaiso, Chile 758 m                              | 10  | 0,4  |
| 987    | Neoporteria | senilis ssp. Coimasensis | JN 193 | Highway Putuaendo City, Valparaiso, Chile 793 m  | 10  | 0,4  |
| 988    | Neoporteria | senilis ssp. Coimasensis | JN 195 | Highway El Tartaro, Valparaiso, Chile 745 m  | 20  | 0,4  |
| 989    | Neoporteria | senilis ssp. Coimasensis | JN 196 | Highway La Vina - Alicahue , in periphery, Valparaiso, Chile 352 m                         | 100 | 1,6  |
| 989,1  | Neoporteria | senilis ssp. Coimasensis | JN 196 | Highway La Vina - Alicahue , in periphery, Valparaiso, Chile 352 m                         | 20  | 0,4  |
| 990    | Neoporteria | senilis ssp. Coimasensis | JN 197 | Highway La Vina - Alicahue , right side small hill, Valparaiso, Chile 358 m                | 100 | 1,6  |
| 990,1  | Neoporteria | senilis ssp. Coimasensis | JN 197 | Highway La Vina - Alicahue , right side small hill, Valparaiso, Chile 358 m                | 20  | 0,4  |
| 991    | Neoporteria | senilis ssp. Coimasensis | JN 198 | Highway La Vina - Alicahue , right side top small hill in rockies, Valparaiso, Chile 373 m | 100 | 1,6  |
| 991,1  | Neoporteria | senilis ssp. Coimasensis | JN 198 | Highway La Vina - Alicahue , right side top small hill in rockies, Valparaiso, Chile 373 m | 10  | 0,4  |
| 992    | Neoporteria | senilis ssp. Coimasensis | JN 200 | Highway Cabildo, Valparaiso, Chile 228 m   | 10  | 0,4  |
| 992,1  | Neoporteria | senilis ssp. Coimasensis | JN 200 | Highway Cabildo, Valparaiso, Chile 228 m   | 10  | 0,4  |
| 993    | Neoporteria | senilis ssp. Coimasensis | JN 202 | Highway Quelon, Valparaiso, Chile 780 m  | 10  | 0,4  |
| 994    | Neoporteria | senilis ssp. Coimasensis | JN 208 | Highway Illapel - Sierra Salamanca I., Coquimbo, Chile 449 m                               | 10  | 0,4  |
| 995    | Neoporteria | senilis ssp. Coimasensis | JN 209 | Sierra Salamanca II., Coquimbo, Chile 679 m  | 10  | 0,4  |
| 996    | Neoporteria | senilis ssp. Coimasensis | JN 211 | Minas, Coquimbo, Chile 1090 m  | 10  | 0,4  |
| 997    | Neoporteria | senilis ssp. Coimasensis | JN 222 | La Isla - Cogoti off road, Coquimbo, Chile 780m  | 10  | 0,4  |
| 998    | Neoporteria | senilis ssp. Coimasensis | JN 223 | Cogoti - Monte Patria I. off road, Coquimbo, Chile 912m                                    | 10  | 0,4  |
| 999    | Neoporteria | senilis ssp. Coimasensis | JN 232 | Highway Samo Alto – Pichasca, Coquimbo, Chile 636m   | 10  | 0,4  |
| 1000   | Neoporteria | senilis ssp. Coimasensis | JN 238 | ff road Sierra Pichasca - Rio Hurtado II., Coquimbo, Chile 880                             | 10  | 0,4  |
| 1001   | Neoporteria | senilis ssp. Coimasensis | JN 395 | Highway Cabildo - San Lorenzo right side - beggining hill up dump, Valparaiso, Chile 247m  | 20  | 0,4  |
| 1001,1 | Neoporteria | senilis ssp. Coimasensis | JN 395 | Highway Cabildo - San Lorenzo right side - beggining hill up dump, Valparaiso, Chile 247m  | 100 | 1,4  |



|        |              |                              |          |  |     |      |
|--------|--------------|------------------------------|----------|--|-----|------|
| 1002   | Neopterteria | senilis ssp. Coimasensis     | JN 396   | Highway Cabildo - San Lorenzo right side - most hill top up dump, Valparaiso, Chile 273m | 20  | 0,4  |
| 1002,1 | Neopterteria | senilis ssp. Coimasensis     | JN 396   | Highway Cabildo - San Lorenzo right side - most hill top up dump, Valparaiso, Chile 273m | 100 | 1,4  |
| 1003   | Neopterteria | senilis ssp. Coimasensis     | JN 647   | Puente Marqueza, Coquimbo, 279m Chile  | 10  | 0,6  |
| 1004   | Neopterteria | senilis ssp. Coimasensis     | JN 896   | Embalse Culimo, Coquimbo, 506m Chile   | 10  | 0,4  |
| 1005   | Neopterteria | species                      | JN 647   | Puente Marqueza, Coquimbo, 279m Chile  | 20  | 0,6  |
| 967    | Neopterteria | subgibbosa ssp. Subgibbosa   | JN 614   | Janquillar, Del Maule, 8m Chile  | 20  | 0,48 |
| 967,1  | Neopterteria | subgibbosa ssp. Subgibbosa   | JN 614   | Janquillar, Del Maule, 8m Chile  | 100 | 1,52 |
| 968    | Neopterteria | subgibbosa ssp. Subgibbosa   | JN 615   | Quivolgo Balseo, Del Maule, 15m Chile  | 20  | 0,48 |
| 968,1  | Neopterteria | subgibbosa ssp. Subgibbosa   | JN 615   | Quivolgo Balseo, Del Maule, 15m Chile  | 100 | 1,52 |
| 969    | Neopterteria | subgibbosa ssp. Subgibbosa   | JN 616   | Putú, Del Maule, 1m Chile  | 20  | 0,48 |
| 969,1  | Neopterteria | subgibbosa ssp. Subgibbosa   | JN 616   | Putú, Del Maule, 1m Chile  | 100 | 1,52 |
| 970    | Neopterteria | subgibbosa ssp. Subgibbosa   | JN 618   | Punta de Lobos, Bernardo o'Higgins, 35m Chile  | 20  | 0,48 |
| 970,1  | Neopterteria | subgibbosa ssp. Subgibbosa   | JN 618   | Punta de Lobos, Bernardo o'Higgins, 35m Chile  | 100 | 1,52 |
| 1006   | Neopterteria | villosa                      | JN 786   | Caleta Chorreadero, Coquimbo, 30m Chile  | 20  | 0,6  |
| 1007   | Neopterteria | villosa                      | JN 788   | Punta Mar Brava, Coquimbo, 26m Chile   | 20  | 0,6  |
| 1008   | Neopterteria | villosa                      | JN 811   | Cerro Colorado, Atacama, 144m Chile  | 20  | 0,6  |
| 1009   | Neopterteria | wagencknechtii               | JN 649   | El Islon, Coquimbo, 56m Chile  | 20  | 0,4  |
| 1010   | Neopterteria | wagencknechtii               | JN 778   | El Romeral, Coquimbo, 94m Chile  | 20  | 0,4  |
| 1011   | Neopterteria | wagencknechtii               | JN 1236  | Coquimbito, Coquimbo, 87m Chile  | 20  | 0,4  |
| 1012   | Neopterteria | wagencknechtii v. multiflora | KK 49    | Penhuelas, Coquimbo, 200m Chile  | 20  | 0,4  |
| SV0803 | Notocactus   | submammulosus                | KA 16/06 | La Cumbre I, Cord.   | 20  | 0,2  |
| 1014   | Notocactus   | submammulosus                | JN 604   | Tanti-Rancho Blanco, Córdoba, Arg. 903m  | 30  | 0,4  |
| 1015   | Notocactus   | submammulosus                | JN 1047  | Copina, Cordoba, Arg. 1342m  | 30  | 0,4  |
| 1016   | Notocactus   | submammulosus                | JN 1487  | Copina, Cordoba, Arg. 1345m  | 30  | 0,4  |
| 1017   | Notocactus   | submammulosus                | JN 1053  | Sierra del Morro, San Luis, Arg. 1098m   | 30  | 0,4  |
| 1018   | Notocactus   | submammulosus                | JN 1063  | before Sierras Bayas, Buenos Aires, Arg. 236m  | 30  | 0,4  |
| 1018,1 | Notocactus   | submammulosus                | JN 1063  | before Sierras Bayas, Buenos Aires, Arg. 236m  | 100 | 0,8  |
| 1019   | Notocactus   | submammulosus                | JN 1102  | El Manzano Historico, Mednoza, Arg. 1725m  | 30  | 0,4  |
| 1020   | Notocactus   | submammulosus                | JN 1222  | San Pedro Norte, Cordoba, Arg. 918m  | 30  | 0,4  |
| 1021   | Notocactus   | submammulosus                | JN 1367  | PN Lihuel Calel, La Pampa, Arg. 382 m  | 30  | 0,4  |
| 1022   | Notocactus   | submammulosus                | JN 1415  | Salinas Las Diamante, Mendoza, Arg. 1372m  | 30  | 0,4  |
| 1023   | Notocactus   | submammulosus                | JN 1474  | Finca Juanita-Cuesta Portezuelo, La Rioja, Arg. 1846m                                    | 30  | 0,4  |

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|--------|------------|---------------|-----------|--|-----|------|
| 1024   | Notocactus | submammulosus | JN 1476   | Guamba, La Rioja, Arg. 1537m                                 | 30  | 0,4  |
| SV0802 | Notocactus | submammulosus | KA 16/03  | La Falda, Cord.  | 20  | 0,2  |
| SV0805 | Notocactus | submammulosus | KA 16/08  | La Cumbre II, Cord.  | 20  | 0,2  |
| SV0806 | Notocactus | submammulosus | KA 16/09  | La Cumbre III, Cord.   | 100 | 0,72 |
| SV0810 | Notocactus | submammulosus | KA 16/18B | před Ischlin I, Cord.  | 20  | 0,2  |
| SV0549 | Obregonia  | denegrii      | RS 600    | San Vicente, Tam   | 10  | 0,56 |
| SV0550 | Obregonia  | denegrii      | RS 600A   | Jaumave II, Tam.   | 10  | 0,56 |
| 1026   | Opuntia    | monacantha    | KP 1038   | Quarai City, RGS, Brasil 110m                                | 10  | 0,56 |
| 1040   | Opuntia    | stenopetala   | RS 1196   | Mesa de León, QRO  | 10  | 0,48 |
| SV0553 | Opuntia    | aff.ursina    | RS 2135   | dense white spines, Lincoln Co.,Nev.                         | 10  | 0,48 |
| SV0701 | Opuntia    | anuhuacensis  |           | Texas, USA   | 10  | 0,4  |
| 1027   | Opuntia    | quimillo      | JN 71     | Catamarca, Arg. 615m   | 10  | 0,4  |
| 1028   | Opuntia    | quimillo      | JN 107    | Villa Guasayan II, Tucuman, Arg. 427m                        | 10  | 0,4  |
| 1030   | Opuntia    | species       | JN 464    | Sorocayyanse, San Juan, Arg. 1613m                           | 10  | 0,48 |
| 1031   | Opuntia    | species       | JN 467    | Pachaco-Refugio de los Gauchos, San Juan, Arg. 2218m         | 10  | 0,48 |
| 1032   | Opuntia    | species       | JN 575    | Coroya, Jujuy, Arg. 3078m                                    | 10  | 0,6  |
| 1033   | Opuntia    | sulphurea     | JN 435    | before San Rafael, Mendoza, Arg. 1192m                       | 10  | 0,4  |
| 1034   | Opuntia    | sulphurea     | JN 439    | 10km before 25 de Mayo, Mendoza, Arg. 930m                   | 10  | 0,4  |
| 1035   | Opuntia    | sulphurea     | JN 444    | Zapata, Mendoza, Arg. 870m                                   | 10  | 0,4  |
| 1036   | Opuntia    | sulphurea     | JN 446    | San José, Mendoza, Arg. 1203m                                | 10  | 0,4  |
| 1037   | Opuntia    | sulphurea     | JN 1100   | monument San Francisco de Asisi, Mendoza, Arg. 1205m         | 10  | 0,4  |
| 1038   | Opuntia    | sulphurea     | JN 1116   | Termas la Laja, San Juan, Arg. 671m                          | 10  | 0,4  |
| 1039   | Opuntia    | sulphurea     | JN 1119   | Laguna la Cienaga, San Juan, Arg. 1140m                      | 10  | 0,4  |
| SV0552 | Opuntia    | sulphurea     | JN 1466   | 2km before Señor de la Peña, La Rioja, Arg. 852m             | 10  | 0,4  |
| 1041   | Opuntia    | vulgaris      | JN 1130   | jardin botanico Chirau Mita, Chilesito, La Rioja, Arg. 1082m | 10  | 0,4  |
| 1042   | Oreocereus | celsianus     | JN 572    | Abra Pampa, Jujuy, Arg. 3500m                                | 20  | 0,4  |
| 1043   | Oreocereus | celsianus     | JN 572    | Abra Pampa, Jujuy, Arg. 3500m                                | 100 | 1,28 |
| 1044   | Oreocereus | celsianus     | LH 504    | Tupiza, Tarija, Bol  | 20  | 0,4  |
| 1045   | Oreocereus | celsianus     | RS 1665   | Yavi -> Suripujio, Jujuy, Arg.                               | 20  | 0,48 |
| 1046   | Oreocereus | neocelsianus  | KK 892    | El Puente, 3600m Bolivia                                     | 20  | 0,6  |
| 1047   | Oreocereus | trollii       | KR 32     | Corrazilo, Jujuy, Arg  | 20  | 0,4  |
| 1048   | Oreocereus | trollii       | JN 570    | Pucara, Jujuy, Arg. 3567m                                    | 20  | 0,4  |
| 1049   | Oreocereus | trollii       | JN 570    | Pucara, Jujuy, Arg. 3567m                                    | 100 | 1,28 |

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|--------|-------------|------------------------------------|------------|--|----|------|
| 1050   | Oreocereus  | trolii                             | RS 1648    | Iruya, Jujuy, Arg                                  | 20 | 0,48 |
| 1051   | Oreocereus  | trolii                             | CH 1386    | San Roque -> Aparzo, Jujuy, Arg. 3612m             | 30 | 0,4  |
| 1052   | Oreocereus  | trolii                             | CH 970     | near Aparzo, Jujuy, Arg. 3614m                     | 30 | 0,4  |
| 1054   | Oroya       | peruviana                          | KK 735     | Oroya, Peru 3800m                                  | 10 | 0,88 |
| 1053   | Oroya       | borchersii                         | KK 377     | Cordillera Negra, Recuay, Peru 3000m               | 10 | 0,88 |
| 1517   | Oroya       | laxiareolata                       | KK 374     | Huancayo, Peru, 3500m                              | 10 | 1    |
| SV0880 | Oroya       | peruviana                          | KK         | Andahuillas, Peru                                  | 10 | 0,8  |
| 1055   | Parodia     | aff. microsperma                   | JN 1210    | Miraflores, Catamarca, Arg. 639m                   | 20 | 0,4  |
| 1056   | Parodia     | cachiensis                         | JN 552     | La Angostura, Salta, Arg. 1993m                    | 20 | 0,4  |
| 1057   | Parodia     | catamarcensis                      | JO 1071.01 | El Desmonte, Catamarca, Arg.                       | 20 | 0,4  |
| SV0828 | Parodia     | catamarcensis                      | KA 16/36B  | Aimogasta - Belen, LR                              | 20 | 0,4  |
| 1058   | Parodia     | faustiana                          | JN 1188    | Alfarsito, Salta, Arg. 2976m                       | 20 | 0,4  |
| 1059   | Parodia     | horrida                            | JN 546     | El Deserenador, Salta, Arg. 1695m                  | 20 | 0,48 |
| 1060   | Parodia     | microsperma                        | JN 64      | SW Sierra Ambato, Catamarca, Arg. 1014             | 20 | 0,4  |
| 1061   | Parodia     | microsperma                        | JN 68      | S of Yocán, Catamarca, Arg. 615m                   | 20 | 0,4  |
| 1062   | Parodia     | microsperma                        | JN 1479    | Albigasta, La Rioja, Arg. 696m                     | 20 | 0,4  |
| 1063   | Parodia     | myriacantha v. longispina          |            |  | 20 | 0,2  |
| 1064   | Parodia     | nivosa                             | JN 1182    | Estancia ferrocarril Chorrillos, Salta, Arg. 2090m | 20 | 0,6  |
| 1065   | Parodia     | nivosa                             | JN 560     | canyon Quebrada de Carachi, Salta, Arg. 2565m      | 20 | 0,6  |
| 1067   | Parodia     | rigida                             | JN 1168    | Tolombón, Salta, Arg. 1650m                        | 20 | 0,4  |
| 1070   | Parodia     | stuemarii                          | JN 1185    | Quebrada Lentiga, Salta, Arg. 2577m                | 20 | 0,4  |
| SV0721 | Pediocactus | knowltonii                         | HK 1201    | Rio Ariba, NM                                      | 10 | 1,8  |
| SV0002 | Pediocactus | knowltonii                         | SB 304     | San Juan Co., NM                                   | 10 | 1,8  |
| D3182  | Pediocactus | nigrispinus                        |            | Kittitas, Was., USA                                | 10 | 2,4  |
| SV0762 | Pediocactus | paradinei                          | RP 80      | Houserock Valley, Az                               | 10 | 1,8  |
| SV0720 | Pediocactus | paradinei                          | SB 502     | Coconino Co, Az                                    | 10 | 1,8  |
| SN0650 | Pediocactus | peeblesianus (Navajoa)             |            | Holbrook, AZ                                       | 5  | 2,6  |
| SN0651 | Pediocactus | peeblesianus f. menzelii (Navajoa) | JB 02      | South of Grand Canyon, Az                          | 5  | 2,8  |
| SN0652 | Pediocactus | peeblesianus f. maia (Navajoa)     |            | Cameron, AZ  | 5  | 2,8  |
| 1515   | Pediocactus | simpsonii                          | Lz 922     | Hogan Pass, Utah, USA                              | 10 | 2,4  |
| D3181  | Pediocactus | simpsonii                          | ŠN         | La Sal Mts., San Juan Co. Utah 2195m               | 10 | 2,6  |
| D3180  | Pediocactus | simpsonii v. robustior             | SB 1590    | Humboldt Co, Nevada                                | 10 | 2,4  |
| SV0606 | Pediocactus | simsonii v. minor                  | RP 60      | Monarche Pass, Colorado                            | 10 | 1,4  |

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|--------|--------------|---------------------------------|---------|--|-----|------|
| SV0608 | Pediocactus  | simsonii v. minor               | RP 3    | Montezuma Co, Colo.  | 10  | 1,6  |
| D1555  | Pediocactus  | paradinei                       |         | House Rock Valley  | 10  | 2,4  |
| 1250   | Pterocactus  | tuberosus                       | JN 962  | Estancia Las Salinas, Mendoza, Arg. 1381                                     | 10  | 1,8  |
| 1251   | Pterocactus  | tuberosus                       | JN 966  | Bajada Los Torneros, Mendoza, Arg. 1208m                                     | 10  | 1,8  |
| 1252   | Pterocactus  | tuberosus                       | JN 969  | 25 de Mayo-hydroelektrárna, Mendoza, Arg. 887m                               | 10  | 1,8  |
| 1254   | Pterocactus  | tuberosus                       | JN 1368 | PN Lihuel Calel, La Pampa, Arg. 382 m  | 10  | 1,8  |
| 1255   | Pterocactus  | tuberosus                       | JN 1416 | Salinas Las Diamante, Mendoza, Arg. 1372m                                    | 10  | 1,8  |
| 1256   | Pterocactus  | tuberosus                       | JN 1489 | Termas Villavicencio, Mendoza, Arg   | 10  | 1,8  |
| 1257   | Pterocactus  | tuberosus                       | JN 1490 | before Playas Doradas, Rio Negro, Arg.                                       | 10  | 1,8  |
| 1072   | Pyrrhocactus | aconcaguensis-andicolla         | JN 172  | Salto del Soldado, Valparaiso, Chile 991m                                    | 20  | 0,4  |
| 1072,1 | Pyrrhocactus | aconcaguensis-andicolla         | JN 172  | Salto del Soldado, Valparaiso, Chile 991m                                    | 100 | 1,4  |
| 1073   | Pyrrhocactus | aconcaguensis-andicolla         | JN 173  | Puente de Urbina, Valparaiso, Chile 1601m                                    | 20  | 0,4  |
| 1074   | Pyrrhocactus | aconcaguensis-andicolla         | JB      | Portillo behind bridge   | 20  | 0,4  |
| 1075   | Pyrrhocactus | aconcaguensis-andicolla         | JN 182  | Highway Guardia Vieja - Portillo near small puente, Valparaiso, Chile 1756 m | 20  | 0,4  |
| 1076   | Pyrrhocactus | aconcaguensis-andicolla         | JN 397  | Guardia Vieja-cabanas, Valparaiso, Chile 1662m                               | 20  | 0,4  |
| 1077   | Pyrrhocactus | aconcaguensis-andicolla         | JN 745  | Guardia Vieja, Valparaiso, 1580m Chile                                       | 20  | 0,48 |
| 1077,1 | Pyrrhocactus | aconcaguensis-andicolla         | JN 745  | Guardia Vieja, Valparaiso, 1580m Chile                                       | 100 | 1,4  |
| 1078   | Pyrrhocactus | aconcaguensis-andicolla         | JN 746  | Puente Ojos de Agua, Valparaiso, 2124m Chile                                 | 20  | 0,48 |
| 1078,1 | Pyrrhocactus | aconcaguensis-andicolla         | JN 746  | Puente Ojos de Agua, Valparaiso, 2124m Chile                                 | 100 | 1,4  |
| 1079   | Pyrrhocactus | aconcaguensis-andicolla         | JN 747  | Puerta Urbina, Vaplaraiso, 1629m Chile                                       | 20  | 0,48 |
| 1079,1 | Pyrrhocactus | aconcaguensis-andicolla         | JN 747  | Puerta Urbina, Vaplaraiso, 1629m Chile                                       | 100 | 1,4  |
| 1080   | Pyrrhocactus | aconcaguensis-andicolla         | JN 750  | Puente Las Vizcachas, Valparaiso, 1014m, Chile                               | 20  | 0,4  |
| 1080,1 | Pyrrhocactus | aconcaguensis-andicolla         | JN 750  | Puente Las Vizcachas, Valparaiso, 1014m, Chile                               | 100 | 1,4  |
| 1081   | Pyrrhocactus | aconcaguensis-andicolla         | JN 751  | 2km S of Puente Hornillos, Valparaiso, 1592m, Chile                          | 20  | 0,4  |
| 1081,1 | Pyrrhocactus | aconcaguensis-andicolla         | JN 751  | 2km S of Puente Hornillos, Valparaiso, 1592m, Chile                          | 100 | 1,4  |
| 1082   | Pyrrhocactus | aconcaguensis-andicolla         | JN 754  | Rio Aconcaqua, Valparaiso, 2107m, Chile                                      | 20  | 0,4  |
| 1082,1 | Pyrrhocactus | aconcaguensis-andicolla         | JN 754  | Rio Aconcaqua, Valparaiso, 2107m, Chile                                      | 100 | 1,4  |
| 1083   | Pyrrhocactus | aconcaguensis-andicolla         | JN 1365 | Los Ventisqueros, Valparaiso, 1609m Chile                                    | 20  | 0,48 |
| 1085   | Pyrrhocactus | aff. straussianus-mountain form | JN 1104 | Hualhulum, Mendoza, Arg. 2176m   | 20  | 0,6  |
| 1085,1 | Pyrrhocactus | aff. straussianus-mountain form | JN 1104 | Hualhulum, Mendoza, Arg. 2176m   | 100 | 1,6  |
| 1086   | Pyrrhocactus | aff. straussianus-mountain form | JN 1106 | Valle del Sol, Mendoza, Arg. 2012m   | 20  | 0,48 |
| 1086,1 | Pyrrhocactus | aff. straussianus-mountain form | JN 1106 | Valle del Sol, Mendoza, Arg. 2012m   | 100 | 1,4  |
| 1087   | Pyrrhocactus | andreasus                       | ZJ 181  | E of Los Tambillos, La Rioja, 2500-2700m Arg.                                | 10  | 0,6  |

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|--------|--------------|---------------------|-----------|---|-----|------|
| 1088   | Pyrrhocactus | andreas             | HUN 260   | El Cimmaron, La Rioja, 2380m Arg.                             | 10  | 0,72 |
| 1089   | Pyrrhocactus | andreas             | LF 16     | Cuesta Miranda, La Rioja, Arg.                                | 20  | 0,6  |
| 1090   | Pyrrhocactus | andreas             | JN 1008   | Cuesta Miranda, La Rioja, Arg. 2037m                          | 20  | 0,72 |
| 1090,1 | Pyrrhocactus | andreas             | JN 1008   | Cuesta Miranda, La Rioja, Arg. 2037m                          | 100 | 2,6  |
| 1091   | Pyrrhocactus | andreas             | JN 1438   | Nueva Cuesta Miranda, La Rioja, Arg. 2112m                    | 10  | 0,6  |
| 1511   | Pyrrhocactus | andreas             | JO 801.01 | Cuesta Miranda, La Rioja                                      | 15  | 0,4  |
| 1092   | Pyrrhocactus | atrospinosus        | JN 460    | Tambillos, Mendoza, Arg. 2317m                                | 10  | 0,6  |
| 1093   | Pyrrhocactus | atrospinosus-SUPER! | JN 1107   | Estancia Tambillos, Mendoza, Arg. 2326m                       | 20  | 0,72 |
| 1094   | Pyrrhocactus | atrospinosus-SUPER! | JN 1424   | Tambillos, Mendoza, Arg. 2316m                                | 20  | 0,72 |
| 1094,1 | Pyrrhocactus | atrospinosus-SUPER! | JN 1424   | Tambillos, Mendoza, Arg. 2316m                                | 100 | 3    |
| 1095   | Pyrrhocactus | bulbocalyx          | JN 501    | Estancia Mazan, La Rioja, Arg. 624m                           | 20  | 0,48 |
| 1095,1 | Pyrrhocactus | bulbocalyx          | JN 501    | Estancia Mazan, La Rioja, Arg. 624m                           | 100 | 1,6  |
| 1095,5 | Pyrrhocactus | bulbocalyx          | JN 501    | Estancia Mazan, La Rioja, Arg. 624m                           | 500 | 5,16 |
| 1096   | Pyrrhocactus | bulbocalyx          | JN 506    | Sierra de Mazan, La Rioja, Arg. 592m                          | 20  | 0,48 |
| 1096,1 | Pyrrhocactus | bulbocalyx          | JN 506    | Sierra de Mazan, La Rioja, Arg. 592m                          | 100 | 1,6  |
| 1096,5 | Pyrrhocactus | bulbocalyx          | JN 506    | Sierra de Mazan, La Rioja, Arg. 592m                          | 500 | 5,16 |
| 1097   | Pyrrhocactus | bulbocalyx          | JN 510    | ciudad Villa Mazan, La Rioja, Arg. 665m                       | 20  | 0,48 |
| 1097,1 | Pyrrhocactus | bulbocalyx          | JN 510    | ciudad Villa Mazan, La Rioja, Arg. 665m                       | 100 | 1,6  |
| 1097,5 | Pyrrhocactus | bulbocalyx          | JN 510    | ciudad Villa Mazan, La Rioja, Arg. 665m                       | 500 | 5,16 |
| 1098   | Pyrrhocactus | bulbocalyx          | JN 1029   | Termas Santa Teresita, La Rioja, Arg. 737m                    | 20  | 0,48 |
| 1098,1 | Pyrrhocactus | bulbocalyx          | JN 1029   | Termas Santa Teresita, La Rioja, Arg. 737m                    | 100 | 1,6  |
| 1099   | Pyrrhocactus | bulbocalyx          | JN 1212   | Termas Santa Teresita, La Rioja, Arg. 722m                    | 20  | 0,48 |
| 1100   | Pyrrhocactus | bulbocalyx          | JN 1469   | 4km before Termas Santa Teresita, La Rioja, Arg. 727m         | 20  | 0,48 |
| 1100,1 | Pyrrhocactus | bulbocalyx          | JN 1469   | 4km before Termas Santa Teresita, La Rioja, Arg. 727m         | 100 | 1,6  |
| 1101   | Pyrrhocactus | bulbocalyx          | JN 1032   | Quebrada de Mazan, La Rioja, Arg. 597m                        | 20  | 0,48 |
| 1101,1 | Pyrrhocactus | bulbocalyx          | JN 1032   | Quebrada de Mazan, La Rioja, Arg. 597m                        | 100 | 1,6  |
| 1102   | Pyrrhocactus | bulbocalyx          | JN 1467   | Sierra Mazan, La Rioja, Arg. 594m                             | 20  | 0,48 |
| 1102,1 | Pyrrhocactus | bulbocalyx          | JN 1467   | Sierra Mazan, La Rioja, Arg. 594m                             | 100 | 1,6  |
| SV0819 | Pyrrhocactus | bulbocalyx          | KA 16/28  | Las Coloradas, LR   | 20  | 0,4  |
| SV0826 | Pyrrhocactus | bulbocalyx          | KA 16/34  | Villa Mazan - Cumbicha, LR                                    | 20  | 0,4  |
| 1129   | Pyrrhocactus | crispus             | JN 1274   | Hacienda Nicolasa-privat granja de cerdo, Atacama, 540m Chile | 20  | 0,6  |
| 1130   | Pyrrhocactus | crispus             | JN 1278   | Huasco-docks, Atamaca, 106m Chile                             | 20  | 0,6  |
| 1103   | Pyrrhocactus | curvispinus         | JN 607    | San Gabriel, Metropolitana, 1299m Chile                       | 20  | 0,4  |

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| 1103,1 | Pyrrhocactus | curvispinus                   | JN 607  | San Gabriel, Metropolitana, 1299m Chile                    | 100 | 1,4  |
| 1104   | Pyrrhocactus | curvispinus                   | JN 608  | El Romeral, Metropolitana, 1339m Chile                     | 20  | 0,4  |
| 1104,1 | Pyrrhocactus | curvispinus                   | JN 608  | El Romeral, Metropolitana, 1339m Chile                     | 100 | 1,4  |
| 1105   | Pyrrhocactus | curvispinus                   | JN 610  | Baños Morales, Metropolitana, 1575m Chile                  | 20  | 0,4  |
| 1105,1 | Pyrrhocactus | curvispinus                   | JN 610  | Baños Morales, Metropolitana, 1575m Chile                  | 100 | 1,4  |
| 1106   | Pyrrhocactus | curvispinus                   | JN 612  | Quebrada la Tenca, Metropolitana, 1702m Chile              | 20  | 0,4  |
| 1106,1 | Pyrrhocactus | curvispinus                   | JN 612  | Quebrada la Tenca, Metropolitana, 1702m Chile              | 100 | 1,4  |
| 1108   | Pyrrhocactus | curvispinus                   | JN 741  | Socavon Alto, Coquimbo, 532m Chile                         | 20  | 0,4  |
| 1109   | Pyrrhocactus | curvispinus                   | JN 1226 | camino a Farallones – curva 26, Metropolitana, 2128m Chile | 20  | 0,4  |
| 1109,1 | Pyrrhocactus | curvispinus                   | JN 1226 | camino a Farallones – curva 26, Metropolitana, 2128m Chile | 100 | 1,4  |
| 1109,5 | Pyrrhocactus | curvispinus                   | JN 1226 | camino a Farallones – curva 26, Metropolitana, 2128m Chile | 500 | 5,96 |
| 1110   | Pyrrhocactus | curvispinus– red flower       | JN 1227 | camino a Farallones – curva 32, Metropolitana, 2235m Chile | 20  | 0,48 |
| 1110,1 | Pyrrhocactus | curvispinus-red flower        | JN 1227 | camino a Farallones – curva 32, Metropolitana, 2235m Chile | 100 | 1,6  |
| 1110,5 | Pyrrhocactus | curvispinus-red flower        | JN 1227 | camino a Farallones – curva 32, Metropolitana, 2235m Chile | 500 | 7    |
| 1111   | Pyrrhocactus | curvispinus                   | JN 1352 | Monte Patria, Coquimbo, 441m Chile                         | 20  | 0,4  |
| 1111,1 | Pyrrhocactus | curvispinus                   | JN 1352 | Monte Patria, Coquimbo, 441m Chile                         | 100 | 1,4  |
| 1113   | Pyrrhocactus | curvispinus v. mutabilis      | JN 636  | Chicalco, Coquimbo, 128m Chile                             | 20  | 0,4  |
| 1114   | Pyrrhocactus | curvispinus v. robustus       | JN 897  | Agricola Araval, Valparaiso, 242m Chile                    | 20  | 0,4  |
| 1114,1 | Pyrrhocactus | curvispinus v. robustus       | JN 897  | Agricola Araval, Valparaiso, 242m Chile                    | 100 | 1,4  |
| 1115   | Pyrrhocactus | curvispinus v. robustus       | JN 620  | NP La Campana, Valparaiso, 471m Chile                      | 20  | 0,4  |
| 1115,1 | Pyrrhocactus | curvispinus v. robustus       | JN 620  | NP La Campana, Valparaiso, 471m Chile                      | 100 | 1,4  |
| 1116   | Pyrrhocactus | curvispinus v. robustus       | JN 743  | El Quemadol, Coquimbo, 242m Chile                          | 20  | 0,4  |
| 1116,1 | Pyrrhocactus | curvispinus v. robustus       | JN 743  | El Quemadol, Coquimbo, 242m Chile                          | 100 | 1,4  |
| 1117   | Pyrrhocactus | curvispinus v. robustus       | JN 744  | Puerta La Sirena, Coquimbo, 286m Chile                     | 20  | 0,4  |
| 1117,1 | Pyrrhocactus | curvispinus v. robustus       | JN 744  | Puerta La Sirena, Coquimbo, 286m Chile                     | 100 | 1,4  |
| 1118   | Pyrrhocactus | curvispinus v. tuberisulcatus | JN 894  | Valle Quillimari, Coquimbo, 46m Chile                      | 20  | 0,4  |
| 1119   | Pyrrhocactus | curvispinus v. tuberisulcatus | JN 895  | Puente Los Loros, Coquimbo, 28m Chile                      | 20  | 0,4  |
| 1120   | Pyrrhocactus | curvispinus v. tuberisulcatus | JN 624  | Los Emitaños, Coquimbo, 70m Chile                          | 20  | 0,4  |
| 1120,1 | Pyrrhocactus | curvispinus v. tuberisulcatus | JN 624  | Los Emitaños, Coquimbo, 70m Chile                          | 100 | 1,4  |
| 1121   | Pyrrhocactus | curvispinus v. tuberisulcatus | JN 892  | Quillimari, Coquimbo, 87m Chile                            | 20  | 0,4  |
| 1121,1 | Pyrrhocactus | curvispinus v. tuberisulcatus | JN 892  | Quillimari, Coquimbo, 87m Chile                            | 100 | 1,4  |
| 1122   | Pyrrhocactus | curvispinus v. tuberisulcatus | JN 627  | Quilimari, Coquimbo, 130m Chile                            | 20  | 0,4  |
| 1122,1 | Pyrrhocactus | curvispinus v. tuberisulcatus | JN 627  | Quilimari, Coquimbo, 130m Chile                            | 100 | 1,4  |

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|--------|--------------|--|---------|--|-----|------|
| 1123   | Pyrrhocactus | curvispinus v. tuberialucatus                                    | JN 629  | Rio Quilimari, Coquimbo, 48m Chile                         | 20  | 0,4  |
| 1123,1 | Pyrrhocactus | curvispinus v. tuberialucatus                                    | JN 629  | Rio Quilimari, Coquimbo, 48m Chile                         | 100 | 1,4  |
| 1124   | Pyrrhocactus | curvispinus v. tuberialucatus                                    | JN 630  | Puente Los Loros, Coquimbo, 23m Chile                      | 20  | 0,4  |
| 1125   | Pyrrhocactus | curvispinus v. tuberialucatus                                    | JN 755  | Valle Hermoso, Valparaiso, 79m, Chile                      | 20  | 0,4  |
| 1125,1 | Pyrrhocactus | curvispinus v. tuberialucatus                                    | JN 755  | Valle Hermoso, Valparaiso, 79m, Chile                      | 100 | 1,4  |
| 1126   | Pyrrhocactus | curvispinus v. tuberialucatus                                    | JN 756  | Rio Petorca, Valparaiso, 85m, Chile                        | 20  | 0,4  |
| 1126,1 | Pyrrhocactus | curvispinus v. tuberialucatus                                    | JN 756  | Rio Petorca, Valparaiso, 85m, Chile                        | 100 | 1,4  |
| 1128   | Pyrrhocactus | curvispinus v. tuberialucatus                                    | JN 758  | Santa Maria -> Trapiche, Valparaiso, 251m, Chile           | 20  | 0,4  |
| 1128,1 | Pyrrhocactus | curvispinus v. tuberialucatus                                    | JN 758  | Santa Maria -> Trapiche, Valparaiso, 251m, Chile           | 100 | 1,4  |
| 1127   | Pyrrhocactus | curvispinus v. tuberialucatus – black spiny form                 | JN 757  | Quebrada El Pobre, Valparaiso, 239m, Chile                 | 20  | 0,4  |
| 1127,1 | Pyrrhocactus | curvispinus v. tuberialucatus – black spiny form                 | JN 757  | Quebrada El Pobre, Valparaiso, 239m, Chile                 | 100 | 1,4  |
| 1106   | Pyrrhocactus | curvispinus-dark long spiny form                                 | JN 611  | Quebrada El Cobre, Metropolitana, 1650m Chile              | 20  | 0,4  |
| 1106,1 | Pyrrhocactus | curvispinus-dark long spiny form                                 | JN 611  | Quebrada El Cobre, Metropolitana, 1650m Chile              | 100 | 1,4  |
| 1107   | Pyrrhocactus | curvispinus-long black spiny form                                | JN 613  | El Volcán, Metropolitana, 1458m Chile                      | 20  | 0,4  |
| 1107,1 | Pyrrhocactus | curvispinus-long black spiny form                                | JN 613  | El Volcán, Metropolitana, 1458m Chile                      | 100 | 1,4  |
| 1131   | Pyrrhocactus | dimorphus (heinrichianus)  | JN 654  | 20 km before Choros Bajos, Coquimbo, 285m Chile            | 20  | 0,6  |
| 1132   | Pyrrhocactus | dimorphus (heinrichianus)  | JN 657  | 5 km N of Mina El Tofo, Coquimbo, 255m Chile               | 20  | 0,6  |
| 1133   | Pyrrhocactus | dimorphus (heinrichianus)  | JN 664  | Punta Choros-Los Choros, Coquimbo, 141m Chile              | 20  | 0,6  |
| 1135   | Pyrrhocactus | erioszoides  | JN 645  | Chapilca-Guanta, Coquimbo, 1380m Chile                     | 10  | 1    |
| 1136   | Pyrrhocactus | erioszoides  | JN 646  | 4 km E of Puente Balala, Coquimbo, 1591m Chile             | 10  | 1    |
| 1140   | Pyrrhocactus | erioszoides  | JN 1345 | Incahuasi, Atacama, 871m Chile                             | 20  | 0,6  |
| 1141   | Pyrrhocactus | erioszoides  | JN 1275 | Cuesta La Totora km 14, Atacama, 747m Chile                | 20  | 0,6  |
| 1141,1 | Pyrrhocactus | erioszoides  | JN 1275 | Cuesta La Totora km 14, Atacama, 747m Chile                | 100 | 1,96 |
| 1143   | Pyrrhocactus | erioszoides  | JN 873  | Cerro Blanco, Atacama, 524m Chile                          | 20  | 0,6  |
| 1145   | Pyrrhocactus | erioszoides – giant plants, long black spiny form (transitensis) | JN 1268 | Pinte, Atacama, 1380m Chile                                | 10  | 0,8  |
| 1134   | Pyrrhocactus | erioszoides – pink spiny form                                    | JN 1239 | ruta CH 41 a Paso Agua Negra km 122, Coquimbo, 1520m Chile | 10  | 1    |
| 1144   | Pyrrhocactus | erioszoides- black spiny form (transitensis)                     | JN 1267 | Rio Transito, Atacama, 1183m Chile                         | 10  | 0,6  |
| 1137   | Pyrrhocactus | erioszoides black/gold spiny                                     | JN 803  | Sauce Pérez, Atacama, 782m Chile                           | 20  | 0,6  |
| 1137,1 | Pyrrhocactus | erioszoides black/gold spiny                                     | JN 803  | Sauce Pérez, Atacama, 782m Chile                           | 100 | 1,96 |
| 1139   | Pyrrhocactus | erioszoides black/gold spiny                                     | JN 804  | Cuesta La Totora, Atacama, 802m Chile                      | 20  | 0,6  |
| 1139,1 | Pyrrhocactus | erioszoides black/gold spiny                                     | JN 804  | Cuesta La Totora, Atacama, 802m Chile                      | 100 | 1,96 |

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| 1142   | Pyrrhocactus | eriosyzoides gold spiny            | JN 805  | before Los Molles, Atacama, 594m Chile           | 20  | 0,6  |
| 1147   | Pyrrhocactus | eriosyzoides v. domeykoensis       | JN 668  | 1 km N of Puente El Algodon, Atacama, 754m Chile | 20  | 0,6  |
| 1148   | Pyrrhocactus | eriosyzoides v. domeykoensis       | JN 1264 | El Sombrero, Atacama, 794m Chile                 | 20  | 0,6  |
| 1138   | Pyrrhocactus | eriosyzoides-black/gold spiny form | JN 1280 | Sauce Pérez, Atacama, 614m Chile                 | 20  | 0,6  |
| 1138,1 | Pyrrhocactus | eriosyzoides-black/gold spiny form | JN 1280 | Sauce Pérez, Atacama, 614m Chile                 | 100 | 1,96 |
| 1146   | Pyrrhocactus | eriosyzoides-very long spiny form! | JN 1281 | Fraguita, Atacama, 784m Chile                    | 10  | 0,72 |
| 1149   | Pyrrhocactus | floccosus                          |         | Blanco Encalada, Antofagasta, Chile              | 20  | 0,4  |
| 1150   | Pyrrhocactus | garaventae – LUXUS!                |         | NP La Campana, Chile 700m                        | 10  | 1    |
| 1156   | Pyrrhocactus | heinrichianus                      | JN 648  | Puente Marqueza, Coquimbo, 279m Chile            | 20  | 0,4  |
| 1157   | Pyrrhocactus | heinrichianus                      | JN 1234 | Marqueza, Coquimbo, 296m Chile                   | 20  | 0,48 |
| 1157,1 | Pyrrhocactus | heinrichianus                      | JN 1234 | Marqueza, Coquimbo, 296m Chile                   | 100 | 1,6  |
| 1157,5 | Pyrrhocactus | heinrichianus                      | JN 1234 | Marqueza, Coquimbo, 296m Chile                   | 500 | 7    |
| 1158   | Pyrrhocactus | heinrichianus                      | JN 1258 | ruta a Choros Bajos, Coquimbo, 261m Chile        | 20  | 0,48 |
| 1158,1 | Pyrrhocactus | heinrichianus                      | JN 1258 | ruta a Choros Bajos, Coquimbo, 261m Chile        | 100 | 1,6  |
| 1159   | Pyrrhocactus | heinrichianus                      | JN 1262 | Los Choros, Coquimbo, 268m                       | 20  | 0,48 |
| 1159,1 | Pyrrhocactus | heinrichianus                      | JN 1262 | Los Choros, Coquimbo, 268m                       | 100 | 1,6  |
| 1160   | Pyrrhocactus | heinrichianus                      | JN 1349 | Trapiche, Atacama, 329m Chile                    | 20  | 0,48 |
| 1160,1 | Pyrrhocactus | heinrichianus                      | JN 1349 | Trapiche, Atacama, 329m Chile                    | 100 | 1,6  |
| 1160,5 | Pyrrhocactus | heinrichianus                      | JN 1349 | Trapiche, Atacama, 329m Chile                    | 500 | 7    |
| 1151   | Pyrrhocactus | chilensis                          | JN 626  | 2 km before Pichidangu, Coquimbo, 58m Chile      | 20  | 0,48 |
| 1152   | Pyrrhocactus | chilensis                          | JN 628  | Rio Quilimari, Coquimbo, 448m Chile              | 20  | 0,48 |
| 1153   | Pyrrhocactus | chilensis                          | JN 631  | 3 km before Totoralillo, Coquimbo, 15m Chile     | 20  | 0,48 |
| 1154   | Pyrrhocactus | chilensis                          | JN 762  | 1,5km before Totoralillo, Coquimbo, 29m, Chile   | 20  | 0,48 |
| 1155   | Pyrrhocactus | chilensis                          | JN 893  | Valle Quillimari, Coquimbo, 46m Chile            | 20  | 0,48 |
| 1161   | Pyrrhocactus | limariensis                        | JN 640  | Rio Limari, Coquimbo, 211m Chile                 | 10  | 0,4  |
| 1162   | Pyrrhocactus | limariensis                        | JN 769  | Pobres -> Hornitos, Coquimbo, 193m, Chile        | 10  | 0,4  |
| 1163   | Pyrrhocactus | limariensis                        | JN 881  | Embalse La Paloma, Coquimbo, 397m Chile          | 20  | 0,4  |
| 1163,1 | Pyrrhocactus | limariensis                        | JN 881  | Embalse La Paloma, Coquimbo, 397m Chile          | 100 | 1,4  |
| 1164   | Pyrrhocactus | limariensis                        | JN 883  | Monte Patria, Coquimbo, 532m Chile               | 20  | 0,4  |
| 1165   | Pyrrhocactus | limariensis                        | JN 1353 | Monte Patria, Coquimbo, 441m Chile               | 20  | 0,4  |
| 1165,1 | Pyrrhocactus | limariensis                        | JN 1353 | Monte Patria, Coquimbo, 441m Chile               | 100 | 1,4  |
| 1166   | Pyrrhocactus | limariensis                        | JN 884  | Chañaral Alto, Coquimbo, 505m Chile              | 20  | 0,4  |
| 1166,1 | Pyrrhocactus | limariensis                        | JN 884  | Chañaral Alto, Coquimbo, 505m Chile              | 100 | 1,4  |



|        |              |   |           |  |     |      |
|--------|--------------|---|-----------|--|-----|------|
| 1167   | Pyrrhocactus | limariensis                               | JN 1354   | El Palqui, Coquimbo, 532m Chile                    | 20  | 0,4  |
| 1170   | Pyrrhocactus | marayesensis                              | JN 1435   | Bajo de los Toros, San Juan, Arg. 861m             | 20  | 0,6  |
| 1169   | Pyrrhocactus | marayesensis TYP – SUPER!                 | JN 987    | Marayes, San Juan, Arg. 586m                       | 20  | 0,6  |
| 1169,1 | Pyrrhocactus | marayesensis TYP – SUPER!                 | JN 987    | Marayes, San Juan, Arg. 586m                       | 100 | 1,96 |
| 1171   | Pyrrhocactus | multicolorispinus TYP                     | JN 1420   | Presa Agua del Toro, Mendoza, Arg. 1410m           | 20  | 0,8  |
| 1171,1 | Pyrrhocactus | multicolorispinus TYP                     | JN 1420   | Presa Agua del Toro, Mendoza, Arg. 1410m           | 100 | 3    |
| 1172   | Pyrrhocactus | multicolorispinus TYP                     | JN 970    | Presa Agua del Toro, Mendoza, Arg. 1405m           | 20  | 0,6  |
| 1172,1 | Pyrrhocactus | multicolorispinus TYP                     | JN 970    | Presa Agua del Toro, Mendoza, Arg. 1405m           | 100 | 2,36 |
| 1173   | Pyrrhocactus | multicolorispinus TYP                     | JN 442    | Presa Agua del Toro, Mendoza, Arg. 1386m           | 10  | 0,6  |
| 1174   | Pyrrhocactus | multicolorispinus TYP                     | JN 33     | Presa Agua del toro, Mendoza, Arg. 1397m           | 20  | 0,6  |
| 1174,1 | Pyrrhocactus | multicolorispinus TYP                     | JN 33     | Presa Agua del toro, Mendoza, Arg. 1397m           | 100 | 1,8  |
| 1175   | Pyrrhocactus | paucicostatus                             | JO 756.02 | E of Paposo, Antofagasta, Chile                    | 20  | 0,4  |
| 1176   | Pyrrhocactus | paucicostatus                             | KBC 936   | Paposo->El Medano, Antofagasta                     | 30  | 0,4  |
| 1177   | Pyrrhocactus | paucicostatus                             | SL 79C    |  | 30  | 0,4  |
| 1178   | Pyrrhocactus | paucicostatus                             | JN 1317   | above Paposo, Antofagasta, 50m Chile               | 20  | 0,48 |
| 1179   | Pyrrhocactus | paucicostatus                             | JN 1325   | Punta Plata, Antofagasta, 35m Chile                | 20  | 0,48 |
| 1180   | Pyrrhocactus | paucicostatus                             | JN 720    | Caleta Colorada, Antofagasta, 13m Chile            | 20  | 0,48 |
| 1181   | Pyrrhocactus | paucicostatus                             | JN 722    | Caleta Colorada near ocean, Antofagasta, 44m Chile | 20  | 0,48 |
| 1182   | Pyrrhocactus | paucicostatus v. viridis                  | JN 719    | Caleta El Medano, Antofagasta, 62m Chile           | 10  | 0,48 |
| 1183   | Pyrrhocactus | pilispinus LUXUS!!!                       | JN 1332   | Portofino, Atacama, 13m Chile                      | 10  | 1,4  |
| 1194   | Pyrrhocactus | simulans                                  | JN 658    | 5 km N of Mina El Tofo, Coquimbo, 255m Chile       | 20  | 0,6  |
| 1195   | Pyrrhocactus | simulans                                  | JN 660    | Trapiche, Coquimbo, 327m Chile                     | 20  | 0,6  |
| 1196   | Pyrrhocactus | simulans                                  | JN 784    | Quebrada Los Choros, Coquimbo, 260m Chile          | 20  | 0,6  |
| 1197   | Pyrrhocactus | simulans                                  | JN 1261   | Los Choros, Coquimbo, 268m Chile                   | 20  | 0,6  |
| 1240   | Pyrrhocactus | species - NOVA                            | JN 252    | Marqueza, Coquimbo, Chile 288m                     | 10  | 0,6  |
| 1240,1 | Pyrrhocactus | species - NOVA                            | JN 252    | Marqueza, Coquimbo, Chile 288m                     | 100 | 3,96 |
| 1241   | Pyrrhocactus | species – robust plants, short hard spiny | JN 982    | El Carrizal del Abajo, Mendoza, Arg. 874m          | 20  | 0,8  |
| 1224   | Pyrrhocactus | species (gold spiny)                      | KFF 1151  | Zonda, San Juan, Arg.                              | 20  | 0,48 |
| 1221   | Pyrrhocactus | species (hard black spines, red flower)   | JN 51     | El Mirador, San Juan, Arg. 1123m                   | 20  | 0,4  |
| 1221.1 | Pyrrhocactus | species (hard black spines, red flower)   | JN 51     | El Mirador, San Juan, Arg. 1123m                   | 100 | 1,4  |
| 1225   | Pyrrhocactus | species (NE straussianus – round seeds)   | JN 1413   | Rivadavia-balneario, San Juan, Arg. 769m           | 20  | 0,6  |
| 1223   | Pyrrhocactus | species (pink spine)                      | JN 461    | Tambillos, Mendoza, Arg. 2317m                     | 10  | 0,48 |
| 1222   | Pyrrhocactus | species (robust form)                     | JN 474    | Cuesta de Huaco, San Juan, Arg. 1119m              | 20  | 0,4  |

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|--------|--------------|--|---------|--|-----|------|
| 1242   | Pyrrhocactus | species NOVA!! (growth in Austrocactus ferrarii)   | JN 1111 | Porto Santa Clara del Abajo, Mendoza, Arg. 2756m     | 10  | 1,96 |
| 1206   | Pyrrhocactus | straussianus                                       | JN 965  | Bajada Los Torneros, Mendoza, Arg. 1208m             | 20  | 0,48 |
| 1206,1 | Pyrrhocactus | straussianus                                       | JN 965  | Bajada Los Torneros, Mendoza, Arg. 1208m             | 100 | 1,6  |
| 1207   | Pyrrhocactus | straussianus                                       | JN 968  | 25 de Mayo-hidroelektrárna, Mendoza, Arg. 887m       | 20  | 0,48 |
| 1207,1 | Pyrrhocactus | straussianus                                       | JN 968  | 25 de Mayo-hidroelektrárna, Mendoza, Arg. 887m       | 100 | 1,6  |
| 1208   | Pyrrhocactus | straussianus                                       | JN 977  | Tupungato -> ruta 40, Mendoza, Arg. 1388m            | 20  | 0,48 |
| 1208,1 | Pyrrhocactus | straussianus                                       | JN 977  | Tupungato -> ruta 40, Mendoza, Arg. 1388m            | 100 | 1,6  |
| 1209   | Pyrrhocactus | straussianus                                       | JN 1095 | Rio Malargue, Mendoza, Arg. 1470m                    | 20  | 0,48 |
| 1210   | Pyrrhocactus | straussianus                                       | JN 1099 | monument San Francisco de Asisi, Mendoza, Arg. 1205m | 20  | 0,48 |
| 1211   | Pyrrhocactus | straussianus                                       | JN 1101 | El Manzano Historico, Mendoza, Arg. 1725m            | 20  | 0,48 |
| 1213   | Pyrrhocactus | straussianus                                       | JN 433  | before San Rafael, Mendoza, Arg. 1192m               | 20  | 0,48 |
| 1198   | Pyrrhocactus | straussianus                                       | KP 179  | NE of El Parral, Mendoza, 1184m                      | 20  | 0,4  |
| 1199   | Pyrrhocactus | straussianus                                       | R 542   | Agua del Toro -> Cacheuta                            | 20  | 0,4  |
| 1200   | Pyrrhocactus | straussianus                                       | JN 1410 | San Ceferino, Mendoza, Arg. 1436m                    | 20  | 0,48 |
| 1200,1 | Pyrrhocactus | straussianus                                       | JN 1410 | San Ceferino, Mendoza, Arg. 1436m                    | 100 | 1,6  |
| 1201   | Pyrrhocactus | straussianus                                       | JN 1411 | Fortin Malal-Hue, Mendoza, Arg. 1444m                | 20  | 0,48 |
| 1201,1 | Pyrrhocactus | straussianus                                       | JN 1411 | Fortin Malal-Hue, Mendoza, Arg. 1444m                | 100 | 1,6  |
| 1202   | Pyrrhocactus | straussianus                                       | JN 1417 | Los Reunynos, Mendoza, Arg. 884m                     | 20  | 0,48 |
| 1215   | Pyrrhocactus | straussianus - multicolorispinus                   | JN 27   | Vienticinco De Mayo, Mendoza, Arg. 884m              | 20  | 0,4  |
| 1215,1 | Pyrrhocactus | straussianus - multicolorispinus                   | JN 27   | Vienticinco De Mayo, Mendoza, Arg. 884m              | 100 | 1,4  |
| 1216   | Pyrrhocactus | straussianus - multicolorispinus                   | JN 961  | Estancia Las Salinas, Mendoza, Arg. 1381m            | 20  | 0,72 |
| 1217   | Pyrrhocactus | straussianus - multicolorispinus                   | JN 1414 | Salinas Las Diamante, Mendoza, Arg. 1372m            | 20  | 0,6  |
| 1203   | Pyrrhocactus | straussianus – south area (winter temperature -18) | JN 956  | before Malargue, Mendoza, Arg. 1465m                 | 20  | 0,48 |
| 1203,1 | Pyrrhocactus | straussianus – south area (winter temperature -18) | JN 956  | before Malargue, Mendoza, Arg. 1465m                 | 100 | 1,6  |
| 1204   | Pyrrhocactus | straussianus – south area (winter temperature -18) | JN 959  | 4km of Digue Blas Bristolii, Mendoza, Arg. 1478m     | 20  | 0,48 |
| 1204,1 | Pyrrhocactus | straussianus – south area (winter temperature -18) | JN 959  | 4km of Digue Blas Bristolii, Mendoza, Arg. 1478m     | 100 | 1,6  |
| 1205   | Pyrrhocactus | straussianus – south area (winter temperature -18) | JN 960  | Loncoche, Mendoza, Arg. 1461m                        | 20  | 0,48 |
| 1205,1 | Pyrrhocactus | straussianus – south area (winter temperature -18) | JN 960  | Loncoche, Mendoza, Arg. 1461m                        | 100 | 1,6  |
| 1214   | Pyrrhocactus | straussianus (giant form)                          | JN 427  | Fortin Malal – Hue, Mendoza, Arg. 1462m              | 20  | 0,48 |

|        |              |                              |         |   |     |      |
|--------|--------------|------------------------------|---------|---|-----|------|
| 1212   | Pyrrhocactus | straussianus GIANT           | JN 35   | před San Carlos, Mendoza, Arg. 1184m          | 20  | 0,4  |
| 1212,1 | Pyrrhocactus | straussianus GIANT           | JN 35   | před San Carlos, Mendoza, Arg. 1184m          | 100 | 1,4  |
| 1218   | Pyrrhocactus | straussianus v. sanjuanensis | JN 1001 | Cuesta de Huaco-Mirador, San Juan, Arg. 1097m | 20  | 0,6  |
| 1218,1 | Pyrrhocactus | straussianus v. sanjuanensis | JN 1001 | Cuesta de Huaco-Mirador, San Juan, Arg. 1097m | 100 | 1,6  |
| 1219   | Pyrrhocactus | straussianus v. sanjuanensis | JN 1433 | Huaco-mirador, San Juan, Arg. 1124m           | 20  | 0,6  |
| 1220   | Pyrrhocactus | straussianus v. sanjuanensis | JN 1122 | Laguna la Cienaga, San Juan, Arg. 1140m       | 20  | 0,6  |
| 1243   | Pyrrhocactus | taltalensis                  | JN 685  | Balneario Ramada, Atacama, 91m Chile          | 20  | 0,72 |
| 1244   | Pyrrhocactus | taltalensis                  | JN 689  | Balneario Obispito, Atacama, 59m Chile        | 20  | 0,72 |
| 1245   | Pyrrhocactus | taltalensis                  | JN 709  | Quebrada San Ramon, Antofagasta, 271m Chile   | 20  | 0,48 |
| 1246   | Pyrrhocactus | taltalensis                  | JN 851  | Quebrada San Ramon, Antofagasta, 260m Chile   | 20  | 0,48 |
| 1247   | Pyrrhocactus | taltalensis                  | JN 1310 | Quebrada San Ramon, ANtofagasta, 200m Chile   | 20  | 0,48 |
| 1247,1 | Pyrrhocactus | taltalensis                  | JN 1310 | Quebrada San Ramon, ANtofagasta, 200m Chile   | 100 | 1,6  |
| 1247,5 | Pyrrhocactus | taltalensis                  | JN 1310 | Quebrada San Ramon, ANtofagasta, 200m Chile   | 500 | 7    |
| 1248   | Pyrrhocactus | taltalensis                  | JN 718  | Caleta Rincón, Antofagasta, 48m Chile         | 20  | 0,72 |
| 1249   | Pyrrhocactus | taltalensis                  | JN 727  | El Faro, Atacama, 82m Chile                   | 20  | 0,72 |
| 1510   | Pyrrhocactus | taltalensis                  | PV 1915 | Caldera, Chile                                | 20  | 0,4  |
| 1227   | Pyrrhocactus | umadeave                     | JB 64   | Nevados de Acay, Salta, 4000m Arg.            | 20  | 0,6  |
| 1228   | Pyrrhocactus | umadeave                     | KR 30   | pod Abra Blanca, Salta, Arg.                  | 20  | 0,6  |
| 1229   | Pyrrhocactus | umadeave                     | JN 559  | canyon Quebrada de Carachi, Salta, Arg. 2565m | 20  | 0,6  |
| 1230   | Pyrrhocactus | umadeave                     | JN 565  | Santa Rosa de Tastil, Salta, Arg. 3209m       | 20  | 0,6  |
| 1230,1 | Pyrrhocactus | umadeave                     | JN 565  | Santa Rosa de Tastil, Salta, Arg. 3209m       | 100 | 1,6  |
| 1230,5 | Pyrrhocactus | umadeave                     | JN 565  | Santa Rosa de Tastil, Salta, Arg. 3209m       | 500 | 6    |
| 1231   | Pyrrhocactus | umadeave                     | JN 566  | Tucuará, Salta, Arg. 3315m                    | 20  | 0,6  |
| 1231,1 | Pyrrhocactus | umadeave                     | JN 566  | Tucuará, Salta, Arg. 3315m                    | 100 | 1,6  |
| 1231,5 | Pyrrhocactus | umadeave                     | JN 566  | Tucuará, Salta, Arg. 3315m                    | 500 | 6    |
| 1232   | Pyrrhocactus | umadeave                     | JN 568  | Cachiñal, Salta, Arg. 3300m                   | 20  | 0,6  |
| 1232,1 | Pyrrhocactus | umadeave                     | JN 568  | Cachiñal, Salta, Arg. 3300m                   | 100 | 1,6  |
| 1232,5 | Pyrrhocactus | umadeave                     | JN 568  | Cachiñal, Salta, Arg. 3300m                   | 500 | 6    |
| 1233   | Pyrrhocactus | umadeave                     | JN 569  | before Incahuasi, Salta, Arg. 3395m           | 20  | 0,6  |
| 1233,1 | Pyrrhocactus | umadeave                     | JN 569  | before Incahuasi, Salta, Arg. 3395m           | 100 | 1,6  |
| 1233,5 | Pyrrhocactus | umadeave                     | JN 569  | before Incahuasi, Salta, Arg. 3395m           | 500 | 6    |
| 1234   | Pyrrhocactus | umadeave                     | JN 1183 | Quebrada Lentiga, Salta, Arg. 2577m           | 20  | 0,6  |
| 1234,1 | Pyrrhocactus | umadeave                     | JN 1183 | Quebrada Lentiga, Salta, Arg. 2577m           | 100 | 1,6  |

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|--------|--------------|-------------------------|-----------|--|-----|------|
| 1235   | Pyrrhocactus | umadeave                | JN 1190   | Las Cuevas, Salta, Arg. 3208m                  | 20  | 0,6  |
| 1235,1 | Pyrrhocactus | umadeave                | JN 1190   | Las Cuevas, Salta, Arg. 3208m                  | 100 | 1,6  |
| 1236   | Pyrrhocactus | umadeave                | JN 1192   | Ruinas Santa Rosa de Tastil, Salta, Arg. 3158m | 20  | 0,6  |
| 1236,1 | Pyrrhocactus | umadeave                | JN 1192   | Ruinas Santa Rosa de Tastil, Salta, Arg. 3158m | 100 | 1,6  |
| 1237   | Pyrrhocactus | umadeave                | JN 1193   | Esquina Negra, Salta, Arg. 3249m               | 20  | 0,6  |
| 1237,1 | Pyrrhocactus | umadeave                | JN 1193   | Esquina Negra, Salta, Arg. 3249m               | 100 | 1,6  |
| 1238   | Pyrrhocactus | umadeave                | JN 1199   | steep rise a Abra Blanca, Salta, Arg. 3812m    | 20  | 0,6  |
| 1238,1 | Pyrrhocactus | umadeave                | JN 1199   | steep rise a Abra Blanca, Salta, Arg. 3812m    | 100 | 1,6  |
| 1239   | Pyrrhocactus | umadeave                | JN 1200   | La Encruzijada, Salta, Arg. 3742m              | 20  | 0,6  |
| 1239,1 | Pyrrhocactus | umadeave                | JN 1200   | La Encruzijada, Salta, Arg. 3742m              | 100 | 1,6  |
| SV0857 | Pyrrhocactus | umadeave                | KA 16/72  | řed Alfarcito, Salta                           | 20  | 0,4  |
| SV0859 | Pyrrhocactus | umadeave                | KA 16/74  | Puerto de Tastil - Ruinas, Salta               | 20  | 0,4  |
| SV0860 | Pyrrhocactus | umadeave                | KA 16/75  | nad Las Cuevas, Salta                          | 20  | 0,4  |
| SV0861 | Pyrrhocactus | umadeave                | KA 16/76  | pod Nevado Acay, řed Abra de Blanca, Salta     | 20  | 0,4  |
| 1184   | Pyrrhocactus | vertongenii             | JN 991    | Cuesta de Lourdes, San Juan, Arg. 680m         | 20  | 0,6  |
| 1185   | Pyrrhocactus | vertongenii             | JN 994    | Rio Los Bandurias, San Juan, Arg. 693m         | 20  | 0,6  |
| 1186   | Pyrrhocactus | vertongenii             | JN 996    | N of Albardon, San Juan, Arg. 807m             | 20  | 0,6  |
| 1187   | Pyrrhocactus | vertongenii             | JN 1117   | Termas la Laja, San Juan, Arg. 671m            | 20  | 0,6  |
| 1188   | Pyrrhocactus | vertongenii             | JN 1430   | Matagusanos -> La Laja, San Juan, Arg. 809m    | 20  | 0,72 |
| 1189   | Pyrrhocactus | vertongenii             | JN 42     | Termas La Laja, San Juan, Arg. 689m            | 20  | 0,48 |
| 1189,1 | Pyrrhocactus | vertongenii             | JN 42     | Termas La Laja, San Juan, Arg. 689m            | 100 | 1,6  |
| 1190   | Pyrrhocactus | vertongenii             | JN 44     | Termas-ruta 40, San Juan, Arg. 707m            | 20  | 0,48 |
| 1190,1 | Pyrrhocactus | vertongenii             | JN 44     | Termas-ruta 40, San Juan, Arg. 707m            | 100 | 1,6  |
| 1191   | Pyrrhocactus | vertongenii             | JN 47     | NW of Las Lomitas, San Juan, Arg. 579m         | 20  | 0,48 |
| 1191,1 | Pyrrhocactus | vertongenii             | JN 47     | NW of Las Lomitas, San Juan, Arg. 579m         | 100 | 1,6  |
| 1192   | Pyrrhocactus | vertongenii             | KP 186    | before Termas la Laja, San Juan, Arg.          | 20  | 0,48 |
| 2500   | Pyrrhocactus | vertongenii             | KP 188    | N of Las Lomitas, San Juan                     | 20  | 0,48 |
| 1193   | Pyrrhocactus | vertongenii             | TOM 149/1 | Termas la Laja, San Juan, Arg.                 | 20  | 0,4  |
| SV0725 | Sclerocactus | hasupaiensis            | RP 131    | Supai, Coconino Co, TYP, pink to white flowers | 10  | 3,2  |
| SN0027 | Sclerocactus | parviflorus             | SB 1452   | Duchesne, Ut, centrals mostly black            | 10  | 1,8  |
| SV0728 | Sclerocactus | parviflorus             | RP 09     | Montrose Co, Colo, small stems,                | 10  | 1,8  |
| SV0727 | Sclerocactus | parviflorus "contortus" | RP 29     | San Juan Co, Ut, twisted sp,                   | 10  | 1,8  |
| D1190  | Sclerocactus | pygmaeus – dark form    |           |  | 10  | 1,4  |

|        |              |                                    |            |   |     |      |
|--------|--------------|------------------------------------|------------|---|-----|------|
| SN0601 | Sclerocactus | glaucus "franklinii"               | GH         | North Delta Co., Colorado                                 | 10  | 1,8  |
| SN0035 | Sclerocactus | heilii var. reevesii               | SB 746     | SE of San Juan Co., NM                                    | 10  | 1,6  |
| SV0726 | Sclerocactus | mesae-verdae                       | SB71       | Montezuma Co, Colo.,                                      | 5   | 1,4  |
| N1637  | Sclerocactus | polyancistrus                      |            | Lida, Esmeralda, Nevada, USA                              | 10  | 2    |
| SN0025 | Sclerocactus | sileri f. busekii (Utahia)         | SB 1086    | Coconino Co, AZ   | 10  | 2    |
| 1516   | Sclerocactus | terrae-canyonae                    | Lz 233     | Lutzens Land Torrey, Utah, 2100m                          | 10  | 2,6  |
| SN0602 | Sclerocactus | wetlandicus ssp. ilseae            | RP 25      | Duchesne Co, Ut   | 5   | 1,2  |
| SN0029 | Sclerocactus | whipplei                           | SB 736     | Navajo Co, Az, early yellow flowers                       | 10  | 1,8  |
| D3178  | Sclerocactus | whipplei                           | DJF 1117.5 | Apache Co, AZ   | 10  | 2,6  |
| SV0730 | Sclerocactus | wrightiae                          | SB 1747    | Emory Co, Ut, squat flat stems,                           | 10  | 1,8  |
| SV0695 | Sclerocactus | wrightiae                          | RP 104     | Emory Co, Ut, pink flowres,                               | 10  | 1,8  |
| 1261   | Soehrensia   | bruchii v. walterii                | JN 74      | Amaicha Del Valle I, Tucuman, Arg. 2963m                  | 30  | 0,32 |
| 1261,1 | Soehrensia   | bruchii v. walterii                | JN 74      | Amaicha Del Valle I, Tucuman, Arg. 2963m                  | 100 | 0,8  |
| 1261,5 | Soehrensia   | bruchii v. walterii                | JN 74      | Amaicha Del Valle I, Tucuman, Arg. 2963m                  | 500 | 3,2  |
| 1262   | Soehrensia   | bruchii v. walterii                | JN 539     | El Interfillo, Tucuman, Arg. 3037m                        | 20  | 0,4  |
| 1262,1 | Soehrensia   | bruchii v. walterii                | JN 539     | El Interfillo, Tucuman, Arg. 3037m                        | 100 | 1,12 |
| 1259   | Soehrensia   | aff. korethroides                  | JN 1009    | Cuesta Miranda, La Rioja, Arg. 2037m                      | 20  | 0,4  |
| 1260   | Soehrensia   | aff. uebelmanniana                 | JN 1021    | entrada Quebrada de los Angosturas, Catamarca, Arg. 2722m | 20  | 0,6  |
| SV0830 | Soehrensia   | bruchii                            | KA 16/42   | před El Molar - řečiště vlevo, Tuc.                       | 20  | 0,2  |
| 1263   | Soehrensia   | bruchii v. amaichensis             | JN 1157    | before Estancia El Chunque, Tucuman, Arg. 2946m           | 30  | 0,4  |
| 1263,1 | Soehrensia   | bruchii v. amaichensis             | JN 1157    | before Estancia El Chunque, Tucuman, Arg. 2946m           | 100 | 0,8  |
| 1264   | Soehrensia   | formosa                            | JN 975     | Manzano Historico, Mendoza, Arg. 1772m                    | 30  | 0,4  |
| 1266   | Soehrensia   | formosa                            | JN 466     | Pachaco-Refugio de los Gauchos, San Juan, Arg. 2218m      | 20  | 0,4  |
| 1271   | Soehrensia   | formosa                            | JN 1105    | Hualhulum, Mendoza, Arg. 2176m                            | 20  | 0,4  |
| 1271,1 | Soehrensia   | formosa                            | JN 1105    | Hualhulum, Mendoza, Arg. 2176m                            | 100 | 1,12 |
| 1272   | Soehrensia   | formosa                            | JN 1423    | Valle del Sol, Mendoza, Arg. 2176m                        | 20  | 0,4  |
| 1270   | Soehrensia   | formosa v. rosarioana              | JN 481     | Miranda, La Rioja, Arg. 2032m                             | 20  | 0,8  |
| 1270,1 | Soehrensia   | formosa v. rosarioana              | JN 481     | Miranda, La Rioja, Arg. 2032m                             | 100 | 1,12 |
| 1267   | Soehrensia   | formosa-nivalis                    | JN 486     | Sierra de Famatina, La Rioja, Arg. 1582                   | 20  | 0,4  |
| 1267,1 | Soehrensia   | formosa-nivalis                    | JN 486     | Sierra de Famatina, La Rioja, Arg. 1583                   | 100 | 1,12 |
| 1268   | Soehrensia   | formosa-nivalis                    | JN 519     | Quebrada de Angostura, Catamarca, Arg. 2701m              | 20  | 0,4  |
| 1268,1 | Soehrensia   | formosa-nivalis                    | JN 519     | Quebrada de Angostura, Catamarca, Arg. 2701m              | 100 | 1,12 |
| 1269   | Soehrensia   | formosa-nivalis-giant white plants | JN 1112    | Porto Santa Clara del Abajo, Mendoza, Arg. 2756m          | 20  | 1,04 |

|           |               |                                   |           |  |     |      |
|-----------|---------------|-----------------------------------|-----------|--|-----|------|
| 1273      | Soehrensia    | korethroides-big red flower       | JN 1196   | under Abra Blanca, Salta, Arg. 4040m             | 20  | 0,6  |
| 1274      | Soehrensia    | uebelmanniana – gold spiny LUXUS! | JN 1022   | before Loro Huasi, Catamarca, Arg. 2630m         | 20  | 0,8  |
| SV1010    | Stenocactus   | phyllacanthus                     | SB437     | Huizache, long sp                                | 15  | 0,4  |
| SV0790    | Stenocactus   | phyllacanthus                     |           | El Sauz, AGS, yellow fl, flowers when very small | 15  | 0,4  |
| SN0664    | Stenocactus   | multicostatus                     | SB 1147   | Cerro Las Imágenes, Coah                         | 10  | 0,8  |
| SN0665    | Stenocactus   | multicostatus                     | PP 439    | Cerro del Risco                                  | 10  | 0,88 |
| SV0096    | Stenocactus   | zacatecasensis                    | SB 1953   | Sierra Jerez, Zac                                | 10  | 0,48 |
| SV0822    | Stetsonia     | coryne                            | KA 16/31C | San Pablo, Hualalpina, Cat.                      | 20  | 0,2  |
| 1530      | Stetsonia     | coryne                            | JN 570    | Villa Guasayán, Santiago del Estrelo, Arg. 475m  | 20  | 0,2  |
| 1530,1    | Stetsonia     | coryne                            | JN 570    | Villa Guasayán, Santiago del Estrelo, Arg. 475m  | 100 | 0,72 |
| 1531      | Stetsonia     | coryne                            | JN 1207   | Icaño, Catamarca, Arg. 370m                      | 20  | 0,2  |
| 1532      | Stetsonia     | coryne                            | JN 1483   | Salinas Grandes, Catamarca, Arg. 198m            | 20  | 0,2  |
| 1532,1    | Stetsonia     | coryne                            | JN 1483   | Salinas Grandes, Catamarca, Arg. 198m            | 100 | 0,72 |
| D0139     | Strombocactus | disciformis                       |           |  | 30  | 0,24 |
| D0139/100 | Strombocactus | disciformis                       |           |  | 100 | 0,48 |
| 1275      | Sulcorebutia  | mentosa ssp. mentosa              | JO 664    | S of Aiquile, Cochabamba, 2272m                  | 10  | 0,48 |
| D3207     | Sulcorebutia  | swobodae                          |           |  | 10  | 0,2  |
| 1296      | Tephrocactus  | alexanderii                       | JN 503    | Estancia Mazan, La Rioja, Arg. 624m              | 10  | 0,72 |
| 1299      | Tephrocactus  | alexanderii                       | JN 1025   | Rio la Puerto, La Rioja, Arg. 1071m              | 10  | 0,72 |
| 1299,1    | Tephrocactus  | alexanderii                       | JN 1025   | Rio la Puerto, La Rioja, Arg. 1071m              | 50  | 3    |
| 1300      | Tephrocactus  | alexanderii                       | JN 1027   | Aimogasta, La Rioja, Arg. 945m                   | 10  | 0,72 |
| 1300,1    | Tephrocactus  | alexanderii                       | JN 1027   | Aimogasta, La Rioja, Arg. 945m                   | 50  | 3    |
| 1301      | Tephrocactus  | alexanderii                       | JN 1028   | Machigasta, La Rioja, Arg. 969m                  | 10  | 0,72 |
| 1301,1    | Tephrocactus  | alexanderii                       | JN 1028   | Machigasta, La Rioja, Arg. 969m                  | 50  | 3    |
| 1303      | Tephrocactus  | alexanderii                       | JN 1031   | Termas Santa Teresita, La Rioja, Arg. 737m       | 10  | 0,72 |
| 1304      | Tephrocactus  | alexanderii                       | JN 1213   | Termas Santa Teresita, La Rioja, Arg. 722m       | 10  | 0,72 |
| 1302      | Tephrocactus  | alexanderii – TOP!                | JN 1463   | San Antonio, La Rioja, Arg. 941m                 | 10  | 1    |
| 1298      | Tephrocactus  | alexanderii f. long spine         | JN 498    | El Retiro, La Rioja, Arg. 943m                   | 10  | 1    |
| 1297      | Tephrocactus  | alexanderii f. long black spine   | JN 507    | Sierra de Mazan, La Rioja, Arg. 592m             | 10  | 1    |
| 1305      | Tephrocactus  | alexanderii x fiambalaensis       | JN 1443   | Termas La Aguadita, Catamarca, Arg. 1387m        | 10  | 1,2  |
| 1306      | Tephrocactus  | alexanderii x fiambalaensis       | JN 1445   | Saujil, Catamarca, Arg. 1772m                    | 10  | 1,2  |
| 1307      | Tephrocactus  | alexanderii x fiambalaensis       | JN 1446   | Palo Blanco, Catamarca, Arg. 1815m               | 10  | 1,2  |
| 1308      | Tephrocactus  | aoracanthus                       | JN 463    | Sorocayanse, San Juan, Arg. 1613m                | 10  | 0,72 |

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|--------|--------------|--|---------|---|-----|------|
| 1311   | Tephrocactus | aoracanthus  | JN 997  | N of Albardon, San Juan, Arg. 807m  | 10  | 0,72 |
| 1314   | Tephrocactus | aoracanthus  | JN 1114 | Termas la Laja, San Juan, Arg. 671m   | 10  | 0,72 |
| 1316   | Tephrocactus | aoracanthus  | JN 1428 | San Juan, Arg. 1616m  | 10  | 0,72 |
| 1318   | Tephrocactus | aoracanthus  | JN 1437 | La Chilca, San Juan, Arg. 1241m   | 10  | 0,72 |
| SV0901 | Tephrocactus | aoracanthus  | FF 12   | ruta 40 to Baños la Laja  | 20  | 0,64 |
| 1310   | Tephrocactus | aoracanthus – long black spiny form                          | JN 986  | Cañada Honda, San Juan, Arg. 708m   | 10  | 0,8  |
| 1317   | Tephrocactus | aoracanthus – long spiny 18-20cm                             | JN 1432 | Tucunuco, San Juan, Arg. 905m   | 10  | 1    |
| 1312   | Tephrocactus | aoracanthus – long spiny form 25-28cm                        | JN 1005 | camino a Guandacol, San Juan, Arg. 1039m                                    | 10  | 1,4  |
| 1315   | Tephrocactus | aoracanthus – short spiny form                               | JN 1427 | Barreal, San Juan, Arg. 1598m   | 10  | 0,72 |
| 1309   | Tephrocactus | aoracanthus – spiny 18-20cm                                  | JN 983  | Los Berros, San Juan, Arg. 700m   | 10  | 1    |
| 1309,1 | Tephrocactus | aoracanthus – spiny 18-20cm                                  | JN 983  | Los Berros, San Juan, Arg. 700m   | 100 | 7,96 |
| 1313   | Tephrocactus | aoracanthus – very long spiny 25cm!                          | JN 1436 | ruta 40 -> Guandacol, km 3681, San Juan, Arg. 1029m                         | 10  | 1,4  |
| 1319   | Tephrocactus | aoracanthus f. inermis                                       | JN 482  | Sañogasta, La Rioja, Arg. 1135m   | 10  | 0,72 |
| 1320   | Tephrocactus | articulatus  | JN 1461 | San Blas – Posada San Jorge, La Rioja, Arg. 962m                            | 10  | 0,72 |
| 1325   | Tephrocactus | articulatus v. papyracanthus                                 | JN 1011 | Sañogasta, La Rioja, Arg. 1288m   | 10  | 0,6  |
| 1326   | Tephrocactus | articulatus v. papyracanthus                                 | JN 1127 | Sañogasta, La Rioja, Arg. 1288m   | 10  | 0,6  |
| 1327   | Tephrocactus | articulatus v. papyracanthus                                 | JN 1444 | Termas La Aguadita, Catamarca, Arg. 1387m                                   | 10  | 0,8  |
| 1321   | Tephrocactus | articulatus v. papyracanthus                                 | JN 484  | Chilesito-Famatina, La Rioja, Arg. 1042m                                    | 10  | 0,72 |
| 1322   | Tephrocactus | articulatus v. papyracanthus                                 | JN 489  | Guandacol-ruta 40, La Rioja, Arg. 1031m                                     | 10  | 0,72 |
| 1328   | Tephrocactus | articulatus v. papyracanthus – black spiny form              | JN 1481 | black spiny form, Salinas Grandes, Catamarca, Arg. 198m                     | 10  | 0,72 |
| 1324   | Tephrocactus | articulatus v. papyracanthus – black/white spiny form        | JN 990  | black/white spiny form, Pie del Palo, San Juan, Arg. 595m                   | 10  | 1    |
| 1323   | Tephrocactus | articulatus v. papyracanthus f. inermis                      | JN 499  | El Retiro, La Rioja, Arg. 943m  | 10  | 1    |
| 1329   | Tephrocactus | articulatus v. papyracanthus–extra long curved spiny 20-22cm | JN 1030 | extra long curved spiny 20-22cm, Termas Santa Teresita, La Rioja, Arg. 737m | 10  | 1,4  |
| 1330   | Tephrocactus | articulatus v. papyracanthus–extra long curved spiny 20-22cm | JN 1214 | extra long curved spiny 20-22cm, Termas Santa Teresita, La Rioja, Arg. 737m | 10  | 1,4  |
| SV0899 | Tephrocactus | articulatus v. papyracanthus                                 | FF 44   | Andalgalá > Belén, km 25, 916 m   | 20  | 0,48 |
| SV0900 | Tephrocactus | articulatus v. papyracanthus x papyr. Inermis                | FF 59   | San Blas > Aimogasta, LR  | 20  | 0,48 |
| 1331   | Tephrocactus | berterii   | JN 183  | off road Sierra Putuaendo near small private house, Valparaiso, Chile 726 m | 10  | 0,6  |
| 1332   | Tephrocactus | berterii   | JN 210  | Sierra Salamanca mountain off road, Coquimbo, Chile 615 m                   | 10  | 0,6  |
| 1333   | Tephrocactus | berterii   | JN 225  | Cogoti-Monte Patria I., Coquimbo, Chile 912m                                | 10  | 0,6  |

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|--------|--------------|---|---------|---|-----|-------|
| 1334   | Tephrocactus | berterii                                      | JN 227  | Cogoti-Monte Patria III., Coquimbo, Chile 928m                  | 10  | 0,6   |
| 1335   | Tephrocactus | berterii                                      | JN 244  | Alto Buey up Mina, Coquimbo, Chile 1076m                        | 10  | 0,6   |
| 1336   | Tephrocactus | berterii                                      | JN 765  | 5km W of Buenos Aires, Coquimbo, 292m, Chile                    | 10  | 0,6   |
| 1337   | Tephrocactus | berterii                                      | JN 791  | Punta del Viento, Coquimbo, 576m Chile                          | 10  | 0,6   |
| 1338   | Tephrocactus | berterii                                      | JN 882  | Embalse La Paloma, Coquimbo, 397m Chile                         | 10  | 0,6   |
| 1339   | Tephrocactus | berterii                                      | JN 1266 | El Sombrero, Atacama, 794m Chile                                | 10  | 0,6   |
| 1340   | Tephrocactus | berterii                                      | JN 1355 | El Palqui, Coquimbo, 532m Chile                                 | 10  | 0,6   |
| 1346   | Tephrocactus | darwinii                                      | JN 1076 | El Paisando->Dos Pozos, Chubut, Arg. 198m                       | 10  | 0,8   |
| 1343   | Tephrocactus | darwinii – hard spiny form (winter resistant) | JN 939  | Bahia Bustamante -> ruta 3, Chubut, Arg. 256m                   | 10  | 0,8   |
| 1354   | Tephrocactus | darwinii v. hickenii                          | JN 1388 | Caleta Olivia-ruta 99, Santa Cruz, Arg. 66m                     | 10  | 1     |
| 1341   | Tephrocactus | darwinii                                      | JN 929  | Dos Pozos, Chubut, Arg. 194m                                    | 10  | 0,8   |
| 1344   | Tephrocactus | darwinii                                      | JN 1068 | Puerto Lobos, Rio Negro, Arg. 11m                               | 10  | 0,8   |
| 1345   | Tephrocactus | darwinii                                      | JN 1072 | Playa Union, Chubut, Arg. 2m                                    | 10  | 0,8   |
| 1349   | Tephrocactus | darwinii                                      | JN 906  | ruta 61 a minas Geotecnicas, Rio Negro, Arg. 175m               | 10  | 0,8   |
| 1342   | Tephrocactus | darwinii – long curved spiny form             | JN 934  | Camarones, Chubut, Arg. 3m                                      | 10  | 1     |
| 1348   | Tephrocactus | darwinii (winter resistant)                   | JN 1379 | Estancia San Eduardo, Chubut, Arg. 252m                         | 10  | 0,8   |
| 1351   | Tephrocactus | darwinii v. hickenii                          | JN 912  | Estancia El Palermo, Rio Negro, Arg. 474m                       | 10  | 0,88  |
| 1353   | Tephrocactus | darwinii v. hickenii                          | JN 1381 | Estancia Piedras Blancas, Chubut, Arg. 1m                       | 10  | 0,8   |
| 1350   | Tephrocactus | darwinii v. hickenii – black long spiny form) | JN 911  | ruta a Arroyo de la Ventana, Rio Negro, Arg. 409m               | 10  | 0,8   |
| 1352   | Tephrocactus | darwinii v. hickenii (long spiny form 6-8 cm) | JN 1374 | before Arroyo de la Ventana, Rio Negro, Arg. 479m               | 10  | 0,8   |
| 1355   | Tephrocactus | darwinii v. platyacanthus                     | JN 1093 | Ranquil del Norte, Mendoza, Arg. 1430m                          | 10  | 1     |
| 1347   | Tephrocactus | darwinii-brown/black                          | JN 1062 | Sierra Telsen, Chubut, Arg. 410m                                | 10  | 1,2   |
| 1356   | Tephrocactus | fiambalaensis                                 | JN 1447 | Termas Fiambala, Catamarca, Arg. 1678m                          | 10  | 1,2   |
| 1356,1 | Tephrocactus | fiambalaensis                                 | JN 1447 | Termas Fiambala, Catamarca, Arg. 1678m                          | 100 | 9,96  |
| 1357   | Tephrocactus | geometricus                                   | JN 1023 | Loro Huasi, Catamarca, Arg. 2023m                               | 10  | 1,4   |
| 1358   | Tephrocactus | geometricus                                   | JN 1450 | Loro Huasi, Catamarca, Arg. 2209m                               | 10  | 1,4   |
| 1358,1 | Tephrocactus | geometricus                                   | JN 1450 | Loro Huasi, Catamarca, Arg. 2209m                               | 100 | 11,96 |
| 1359   | Tephrocactus | geometricus                                   | JN 1452 | Quebrada de Angostura, Catamarca, 2601m                         | 10  | 1,6   |
| 1361   | Tephrocactus | geometricus                                   | JN 1456 | Algarrobal, Catamarca, Arg. 2411m                               | 10  | 1,6   |
| 1361,1 | Tephrocactus | geometricus                                   | JN 1456 | Algarrobal, Catamarca, Arg. 2411m                               | 100 | 13,96 |
| 1362   | Tephrocactus | geometricus                                   | JN 1457 | Fiambala -> Paso de San Francisco, km 22, Catamarca, Arg. 1933m | 10  | 1,4   |



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| 1362,1 | Tephrocactus | geometricus                         | JN 1457   | Fiambala -> Paso de San Francisco, km 22, Catamarca, Arg.<br>1933m | 100 | 11,96 |
| 1360   | Tephrocactus | geometricus-long spiny form (5-6cm) | JN 1453   | Guanchin, Catamarca, Arg. 1994m                                    | 10  | 1,6   |
| 1360,1 | Tephrocactus | geometricus-long spiny form (5-6cm) | JN 1453   | Guanchin, Catamarca, Arg. 1994m                                    | 100 | 13,96 |
| 1363   | Tephrocactus | geometricus-minimus (punoides)      | JN 1458   | Rumi Rayan, Catamarca, Arg. 3021m                                  | 10  | 2     |
| 1364   | Tephrocactus | species                             | JN 424    | Fortin Malal-Hue, Mendoza, Arg. 1462m                              | 10  | 0,72  |
| 1365   | Tephrocactus | weberii                             | JN 511    | Copacabana, Catamarca, Arg. 1136m                                  | 10  | 1,2   |
| 1366   | Tephrocactus | weberii                             | JN 1013   | Banda de Lucero, Catamarca, Arg. 1130m                             | 10  | 1,2   |
| 1367   | Tephrocactus | weberii                             | JN 1061   | Rio La Puerto, La Rioja, Arg. 1071m                                | 10  | 1,2   |
| SV0894 | Thelocactus  | bicolor                             | PP 512    | El Barril, husté trny  | 20  | 0,4   |
| SV0895 | Thelocactus  | bicolor                             | KMR 507   | před Simon Bolivar, Dur, krátké červené trny                       | 20  | 0,4   |
| SV0912 | Thelocactus  | bicolor                             |           |  | 25  | 0,32  |
| 1278   | Thelocephala | duripulpa                           | JN 670    | Comuna de Freirina, Coquimbo, Atacama, 255m Chile                  | 20  | 0,4   |
| 1278,1 | Thelocephala | duripulpa                           | JN 670    | Comuna de Freirina, Coquimbo, Atacama, 255m Chile                  | 100 | 1,56  |
| 1279   | Thelocephala | duripulpa                           | JN 799    | Puente Maitencillo, Atacama, 253m Chile                            | 20  | 0,4   |
| 1279,1 | Thelocephala | duripulpa                           | JN 799    | Puente Maitencillo, Atacama, 253m Chile                            | 100 | 1,56  |
| 1280   | Thelocephala | duripulpa                           | JN 800    | Maintencillo-power station, Atacama, 249m Chile                    | 20  | 0,4   |
| 1280,1 | Thelocephala | duripulpa                           | JN 800    | Maintencillo-power station, Atacama, 249m Chile                    | 100 | 1,56  |
| 1281   | Thelocephala | duripulpa                           | JN 1271   | Maintencillo, Atacama, 269m  | 20  | 0,4   |
| 1281,1 | Thelocephala | duripulpa                           | JN 1271   | Maintencillo, Atacama, 269m  | 100 | 1,56  |
| 1281,5 | Thelocephala | duripulpa                           | JN 1271   | Maintencillo, Atacama, 269m  | 500 | 7     |
| 1295   | Thelocephala | weisserii                           | TH 18     | Cifuncho   | 10  | 1     |
| 1276   | Thelocephala | aerocarpa                           | JO 727.03 | El Baratillo, Atacama  | 10  | 0,6   |
| 1441   | Thelocephala | aerocarpa                           | PV 1909   | 6 km N of Baratillo, Atacama                                       | 15  | 0,48  |
| 1443   | Thelocephala | aerocarpa                           | RS 1379   | 15km before Carrizal Bajo, Atacama                                 | 15  | 0,48  |
| 1282   | Thelocephala | esmeraldana                         | JN 701    | Esmeralda, Antofagasta, 218m Chile                                 | 15  | 0,8   |
| 1282,1 | Thelocephala | esmeraldana                         | JN 701    | Esmeralda, Antofagasta, 218m Chile                                 | 100 | 3,96  |
| 1283   | Thelocephala | esmeraldana                         | TH 02     | (Keim), Guanillos  | 15  | 0,6   |
| 1284   | Thelocephala | esmeraldana                         | MT 06-011 | Esmeralda, Antofagasta, 230m Chile                                 | 15  | 0,6   |
| 1284,1 | Thelocephala | esmeraldana                         | MT 06-011 | Esmeralda, Antofagasta, 230m Chile                                 | 100 | 2,36  |
| 1285   | Thelocephala | fulva                               | FK 529    | Total  | 20  | 0,48  |
| 1286   | Thelocephala | glabrescens                         | TH 11     | Keim   | 10  | 0,6   |
| 1288   | Thelocephala | napina                              | JN 807    | above Puerto Las Losas, Atacama, 110m Chile                        | 10  | 0,8   |
| 1289   | Thelocephala | napina                              | JN 674    | Huasco-docks, Atacama, 107m Chile                                  | 10  | 0,6   |

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|--------|--------------|---|-----------|---|-----|------|
| 1290   | Thelocephala | napina                                  | JN 1277   | Huasco-docks, Atacama, 106m Chile                 | 10  | 0,8  |
| 1291   | Thelocephala | napina                                  | PC 248    | Huasco  | 20  | 0,48 |
| 1292   | Thelocephala | napina                                  | Slaba     | Huasco  | 20  | 0,48 |
| 1277   | Thelocephala | occulta                                 | FK 391    | Breas, Antofagasta                                | 10  | 1    |
| 1277,1 | Thelocephala | occulta                                 | FK 391    | Breas, Antofagasta                                | 100 | 7,96 |
| 1293   | Thelocephala | odieri ssp. glabrescens                 | FK 148    | Totoral, Atacama                                  | 10  | 0,72 |
| 1442   | Thelocephala | odierii                                 | PV 1914   | 11 km S of Carrizal Bajo, Atacama                 | 15  | 0,48 |
| 1501   | Thelocephala | odierii                                 | KK 114 A  | Copiapo, Chile 800m                               | 10  | 0,6  |
| 1294   | Thelocephala | species                                 | MT 06-013 | Cachyna Valley, 300m Chile                        | 10  | 1    |
| 1512   | Thelocephala | tenebrica                               | JA 07     | W of Domeyko, Coquimbo                            | 10  | 1    |
| 1513   | Thelocephala | tenebrica                               | JA 50     | W of Domeyko, Coquimbo                            | 10  | 1    |
| 1378   | Trichocereus | cabreræ                                 | PSCA 62   | Rio Capayan, La Rioja, Arg.                       | 30  | 0,4  |
| 1368   | Trichocereus | candicans                               | JN 425    | Fortin Malal-Hue, Mendoza, Arg. 1462m             | 30  | 0,4  |
| 1368,1 | Trichocereus | candicans                               | JN 425    | Fortin Malal-Hue, Mendoza, Arg. 1462m             | 100 | 0,72 |
| 1369   | Trichocereus | candicans                               | JN 436    | before San Rafael, Mendoza, Arg. 1192m            | 30  | 0,4  |
| 1369,1 | Trichocereus | candicans                               | JN 436    | before San Rafael, Mendoza, Arg. 1192m            | 100 | 0,72 |
| 1370   | Trichocereus | candicans                               | JN 447    | San José, Mendoza, Arg. 1203m                     | 30  | 0,4  |
| 1370,1 | Trichocereus | candicans                               | JN 447    | San José, Mendoza, Arg. 1203m                     | 100 | 0,72 |
| 1371   | Trichocereus | candicans                               | JN 468    | Pachaco-Refugio los Gauchos, San Juan, Arg. 2218m | 30  | 0,4  |
| 1371,1 | Trichocereus | candicans                               | JN 468    | Pachaco-Refugio los Gauchos, San Juan, Arg. 2218m | 100 | 0,72 |
| 1372   | Trichocereus | candicans                               | KP 398    | San José de Jachal -> Huaco, San Juan, Arg. 1165m | 20  | 0,4  |
| 1373   | Trichocereus | candicans                               | JN 958    | before Malargue, Mendoza, Arg. 1465m              | 30  | 0,4  |
| 1374   | Trichocereus | candicans                               | JN 963    | before Malargue, Mendoza, Arg. 1465m              | 30  | 0,4  |
| 1375   | Trichocereus | candicans                               | JN 978    | Tupungato -> ruta 40, Mendoza, Arg. 1388m         | 30  | 0,4  |
| 1376   | Trichocereus | candicans                               | JN 1098   | Rio Malargue, Mendoza, Arg. 1470m                 | 30  | 0,4  |
| 1377   | Trichocereus | candicans-mountain form (robust plants) | JN 1440   | Nueva Cuesta Miranda, La Rioja, Arg. 2112m        | 20  | 0,4  |
| 1380   | Trichocereus | huascha                                 | JN 495    | Quebrada Malcasco, La Rioja, Arg. 1051m           | 30  | 0,4  |
| 1381   | Trichocereus | huascha                                 | JN 601    | before Ischilin, Córdoba, Arg. 887m               | 30  | 0,4  |
| 1382   | Trichocereus | huascha                                 | JN 984    | Los Berros, San Juan, Arg. 700m                   | 30  | 0,4  |
| 1383   | Trichocereus | huascha                                 | JN 998    | N of Albardon, San Juan, Arg. 807m                | 30  | 0,4  |
| 1384   | Trichocereus | huascha                                 | JN 1000   | San José de Jachal -> Huaco, San Juan, Arg. 1124m | 30  | 0,4  |
| 1385   | Trichocereus | huascha                                 | JN 1121   | Laguna la Cienaga, San Juan, Arg. 1140m           | 30  | 0,4  |
| 1386   | Trichocereus | huascha                                 | JN 1143   | Belen, Catamarca, Arg. 1278m                      | 30  | 0,4  |

|        |              |   |            |   |     |      |
|--------|--------------|---|------------|---|-----|------|
| 1387   | Trichocereus | huascha   | JN 1429    | Pachaco, San Juan, Arg. 1236m   | 30  | 0,4  |
| 1388   | Trichocereus | huascha-very robust form                          | JN 1439    | Nueva Cuesta Miranda, La Rioja, Arg. 2112m  | 20  | 0,4  |
| SV0869 | Trichocereus | huascha red flower                                | KA 16/106C | Quebrada del Rio Miranda, LR  | 20  | 0,2  |
| 1389   | Trichocereus | chilensis   | JN 1363    | Los Coimas, Valparaiso, 737m Chile  | 30  | 0,4  |
| 1389,1 | Trichocereus | chilensis   | JN 1363    | Los Coimas, Valparaiso, 737m Chile  | 100 | 0,8  |
| 1389,5 | Trichocereus | chilensis   | JN 1363    | Los Coimas, Valparaiso, 737m Chile  | 500 | 3,96 |
| 1390   | Trichocereus | chilensis   | JN 1242    | Agricola Copequen-privat campo, Coquimbo, 1097m Chile   | 30  | 0,4  |
| 1391   | Trichocereus | chiloensis (cold-resisting in nature)             | JN 1228    | camino a Farallones – curva 14, Metropolitana, 1591m Chile  | 30  | 0,4  |
| 1392   | Trichocereus | chiloensis (cold-resisting in nature)             | JN 606     | San José de Maipo-Lagunillas, Metropolitana, 1220m Chile  | 30  | 0,4  |
| 1393   | Trichocereus | chiloensis (cold-resisting in nature)             | JN 609     | Puerta El Volcán, Metropolitana, 1424m Chile  | 30  | 0,4  |
| 1394   | Trichocereus | chiloensis  | JN 742     | Socavon Alto, Coquimbo, 532m Chile  | 30  | 0,4  |
| 1395   | Trichocereus | chiloensis (cold-resisting in nature)             | JN 748     | Puente Urbina, Valparaiso, 1629m Chile  | 20  | 0,48 |
| 1396   | Trichocereus | chiloensis f. short spiny                         | JN 617     | Lo Valdivia, Del Maule, 22m Chile   | 20  | 0,4  |
| 1397   | Trichocereus | chiloensis v. zizkianus                           | JN 740     | Samo Alto-archeologic place, Coquimbo, 642m Chile   | 20  | 0,4  |
| 1400   | Trichocereus | chiloensis x skottsbergii                         | JN 380     | Highway Fray Jorge - off road Llaguna En Lorenzo Peralta Punilla right side bellow in small house, Coquimbo, Chile 269m | 20  | 0,4  |
| 1400,1 | Trichocereus | chiloensis x skottsbergii                         | JN 380     | Highway Fray Jorge - off road Llaguna En Lorenzo Peralta Punilla right side bellow in small house, Coquimbo, Chile 269m | 100 | 1,12 |
| 1400,5 | Trichocereus | chiloensis x skottsbergii                         | JN 380     | Highway Fray Jorge - off road Llaguna En Lorenzo Peralta Punilla right side bellow in small house, Coquimbo, Chile 269m | 500 | 3,96 |
| 1401   | Trichocereus | chiloensis x skottsbergii                         | JN 381     | Highway Fray Jorge - off road Llaguna En Lorenzo Peralta Punilla left hill top near private pen, Coquimbo, Chile 283m   | 20  | 0,4  |
| 1401,1 | Trichocereus | chiloensis x skottsbergii                         | JN 381     | Highway Fray Jorge - off road Llaguna En Lorenzo Peralta Punilla left hill top near private pen, Coquimbo, Chile 283m   | 100 | 1,12 |
| 1401,5 | Trichocereus | chiloensis x skottsbergii                         | JN 381     | Highway Fray Jorge - off road Llaguna En Lorenzo Peralta Punilla left hill top near private pen, Coquimbo, Chile 283m   | 500 | 3,96 |
| 1398   | Trichocereus | chiloensis x skottsbergii (hard spines)           | JN 391     | Quebrada de Indio, Coquimbo, Chile 331m   | 20  | 0,4  |
| 1399   | Trichocereus | chiloensis x skottsbergii (long hard spines form) | JN 379     | Highway Fray Jorge - turning off road Llaguna En Lorenzo Peralta Punilla, Coquimbo, Chile 279m                          | 20  | 0,4  |
| 1399,1 | Trichocereus | chiloensis x skottsbergii (long hard spines form) | JN 379     | Highway Fray Jorge - turning off road Llaguna En Lorenzo Peralta Punilla, Coquimbo, Chile 279m                          | 100 | 1,12 |
| 1399,5 | Trichocereus | chiloensis x skottsbergii (long hard spines form) | JN 379     | Highway Fray Jorge - turning off road Llaguna En Lorenzo Peralta Punilla, Coquimbo, Chile 279m                          | 500 | 3,96 |
| 1402   | Trichocereus | litoralis   | JN 621     | Zapallar, Valparaiso, 37m Chile   | 20  | 0,4  |

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|--------|--------------|--------------------|-----------|--|-----|------|
| 1403,1 | Trichocereus | pasacana           | JN 480    | Piedra Pintada, La Rioja, Arg. 1525m                 | 100 | 0,72 |
| 1403,5 | Trichocereus | pasacana           | JN 480    | Piedra Pintada, La Rioja, Arg. 1525m                 | 500 | 2,6  |
| 1403   | Trichocereus | pasacana           | JN 480    | Piedra Pintada, La Rioja, Arg. 1525m                 | 30  | 0,4  |
| 1404   | Trichocereus | pasacana           | JN 491    | Antinaco, La Rioja, Arg. 1177m                       | 30  | 0,4  |
| 1404,1 | Trichocereus | pasacana           | JN 491    | Antinaco, La Rioja, Arg. 1177m                       | 100 | 0,72 |
| 1405   | Trichocereus | pasacana           | JN 509    | before Señor de la Peña, La Rioja, Arg. 685m         | 30  | 0,4  |
| 1405,1 | Trichocereus | pasacana           | JN 509    | before Señor de la Peña, La Rioja, Arg. 685m         | 100 | 0,72 |
| 1406   | Trichocereus | pasacana           | JN 534    | pueblo San José, Catamarca, Arg. 1957m               | 30  | 0,4  |
| 1406,1 | Trichocereus | pasacana           | JN 534    | pueblo San José, Catamarca, Arg. 1957m               | 100 | 0,72 |
| 1407   | Trichocereus | pasacana           | JN 1006   | Puerto Alegre, La Rioja, Arg. 1451m                  | 30  | 0,4  |
| 1408   | Trichocereus | pasacana           | JN 1036   | Pinchas, La Rioja, Arg. 1583m                        | 30  | 0,4  |
| 1409   | Trichocereus | pasacana           | JN 1126   | Paganzo, La Rioja, Arg. 917m                         | 30  | 0,4  |
| 1409,1 | Trichocereus | pasacana           | JN 1126   | Paganzo, La Rioja, Arg. 917m                         | 30  | 0,4  |
| 1410   | Trichocereus | pasacana           | JN 1128   | Sañogasta, La Rioja, Arg. 1299m                      | 30  | 0,4  |
| 1410,1 | Trichocereus | pasacana           | JN 1128   | Sañogasta, La Rioja, Arg. 1299m                      | 100 | 0,72 |
| 1411   | Trichocereus | pasacana           | JN 1134   | Ruynas de Capayan, La Rioja, Arg. 1105m              | 30  | 0,4  |
| 1412   | Trichocereus | pasacana           | JN 1473   | before Chumbica, La Rioja, Arg. 1194m                | 30  | 0,4  |
| 1412,1 | Trichocereus | pasacana           | JN 1473   | before Chumbica, La Rioja, Arg. 1194m                | 100 | 0,72 |
| SV0831 | Trichocereus | pasacana           | KA 16/46  | Aimacha del Valle, Tuc.                              | 20  | 0,2  |
| SV0839 | Trichocereus | pasacana           | KA 16/49C | Ruinas del Quilmes, Tuc.                             | 20  | 0,2  |
| SV0844 | Trichocereus | pasacana           | KA 16/50D | Gruta San Cayetano, Tuc.                             | 20  | 0,2  |
| SV0856 | Trichocereus | pasacana f. gigant | KA 16/71  | El Elisal - Chorillos, Salta                         | 20  | 0,2  |
| 1413   | Trichocereus | pseudocandicans    | JN 472    | before Matagusanos, San Juan, Arg. 1056m             | 30  | 0,4  |
| 1413,1 | Trichocereus | pseudocandicans    | JN 472    | before Matagusanos, San Juan, Arg. 1056m             | 100 | 0,72 |
| D3177  | Trichocereus | species            |           | giant red flower                                     | 20  | 0,2  |
| SV0847 | Trichocereus | species yellow     | KA 16/52D | Quebrada de Las Conchas, Salta                       | 20  | 0,2  |
| 1414   | Trichocereus | striglosus         | PSCA 15   | Monteros a Aconquija, Tucuman, Arg.                  | 20  | 0,4  |
| 1415   | Trichocereus | tercheckii         | JN 54     | El Mirador, San Juan, Arg 1123m                      | 20  | 0,4  |
| 1416   | Trichocereus | tercheckii         | JN 554    | Molinos, Salta, Arg. 2373m                           | 30  | 0,4  |
| 1417,1 | Trichocereus | tercheckii         | JN 538    | Amaicha del Valle-Tafi de Valle, Tucuman, Arg. 2869m | 100 | 0,72 |
| 1418   | Trichocereus | tercheckii         | JN 1149   | Hualfin, Catamarca, Arg. 1990m                       | 30  | 0,4  |
| 1418,1 | Trichocereus | tercheckii         | JN 1149   | Hualfin, Catamarca, Arg. 1990m                       | 100 | 0,72 |
| 1418,5 | Trichocereus | tercheckii         | JN 1149   | Hualfin, Catamarca, Arg. 1990m                       | 500 | 2,6  |

|        |              |                                  |           |  |     |      |
|--------|--------------|----------------------------------|-----------|--|-----|------|
| 1417   | Trichocereus | tercheckii                       | JN 538    | Amaicha del Valle-Tafi de Valle, Tucuman, Arg. 2869m | 30  | 0,4  |
| SV0825 | Trichocereus | tercheckii                       | KA 16/32C | Cuesta de Sebilla, LR                                | 20  | 0,32 |
| 1416,1 | Trichocereus | tercheckii                       | JN 554    | Molinos, Salta, Arg. 2373m                           | 100 | 0,72 |
| SV0858 | Tunilla      | soehrensii orange + red flowers  | KA 16/73  | 5 km za Alfarcito, Salta                             | 10  | 0,4  |
| D1114  | Turbincarpus | macrochele                       |           |  | 20  | 0,2  |
| 1420   | Turbincarpus | klinkerianus                     | MZ 453    |  | 20  | 0,2  |
| SV0882 | Turbincarpus | klinkerianus                     |           | Huizache, SLP  | 15  | 0,32 |
| D3099  | Turbincarpus | krainzianus v. minimus           |           |  | 20  | 0,24 |
| 1421   | Turbincarpus | lophophorides                    | MZ 273    | Rio Verde I  | 10  | 0,2  |
| 1422   | Turbincarpus | lophophorides                    | MZ 724    | Rancho la Riripa,                                    | 10  | 0,28 |
| SV0911 | Turbincarpus | lophophoroides                   | TCG       | Borrequita, SLP, narůžovělé květy                    | 15  | 0,4  |
| 1424   | Turbincarpus | macrochele v. fraileanus         |           |  | 10  | 0,28 |
| D3176  | Turbincarpus | schwarzii v. rubriflorus         |           |  | 20  | 0,24 |
| N1644  | Uebelmania   | pectinifera                      |           |  | 10  | 2,4  |
| N1645  | Uebelmania   | pectinifera v. pseudopectinifera |           |  | 10  | 2,4  |
| 1427   | Weingartia   | longigibba                       | Lau 985   | Rio Chipu, Oropeza Co., 2500-2600m Bol               | 10  | 0,4  |
| 1429   | Weingartia   | riograndensis                    | KK 507    | Rio Grande, dpt. Chuquisaca, Bolívie                 | 10  | 0,48 |
| 1426   | Weingartia   | buiningiana                      | FR 816    | Capadala on Rio Pilcomayo, Chiquisaca, Bolivia       | 20  | 0,48 |
| 1433   | Weingartia   | lanata                           | KK 1990   | Rio Oropeza, Chiquichuqui, Bolívie 2200m             | 20  | 0,4  |
| 1428   | Weingartia   | longigibba                       | KK 867    | Rio Chico, Oropeza, Bol. 2500m                       | 10  | 0,4  |
| 1432   | Weingartia   | species                          | HS 158    | Tuna Pampa, Cochabamba, Bol                          | 10  | 0,4  |
| 1431   | Weingartia   | species                          | KK 1523   | Oropeza, Chiquisaca, Bol. 2000m                      | 10  | 0,4  |
| 1430   | Weingartia   | westii                           | WR 82     | Camargo -> Culpina, Chiquisaca, Bol.                 | 10  | 0,4  |
| 1434   | Wigginsia    | courantii                        | KP 1079   | Cerro Christi-Cerro del Toro, Maldonado, Urug. 39m   | 10  | 0,4  |
| 1438   | Wigginsia    | erinacea                         | KP 1077   | Pan de Azucar, Moldonado, Urug. 66m                  | 10  | 0,4  |
| 1437   | Wigginsia    | kovarikii                        | KP 1083   | Piriapolis, Moldonado, Urug. 74m                     | 10  | 0,4  |
| 1439   | Wigginsia    | langsдорffii                     | KP 1068   | ruta 8, South Arbolito, Treita y Tres, Urug.         | 20  | 0,4  |
| 1440   | Wigginsia    | sellowii                         | KP 1062   | ripio Don Pedrito, RGS, Brasil                       | 20  | 0,4  |
| 1435   | Wigginsia    | sessiliflora                     | JN 2      | NP Lihuel Calel, La Pampa, Arg. 373m                 | 20  | 0,56 |
| 1436   | Wigginsia    | sessiliflora                     | KP 1214   | San Pedro del Norte, Cordoba, Arg. 899m              | 10  | 0,4  |