Friedrich Ritter Tagebuch 82

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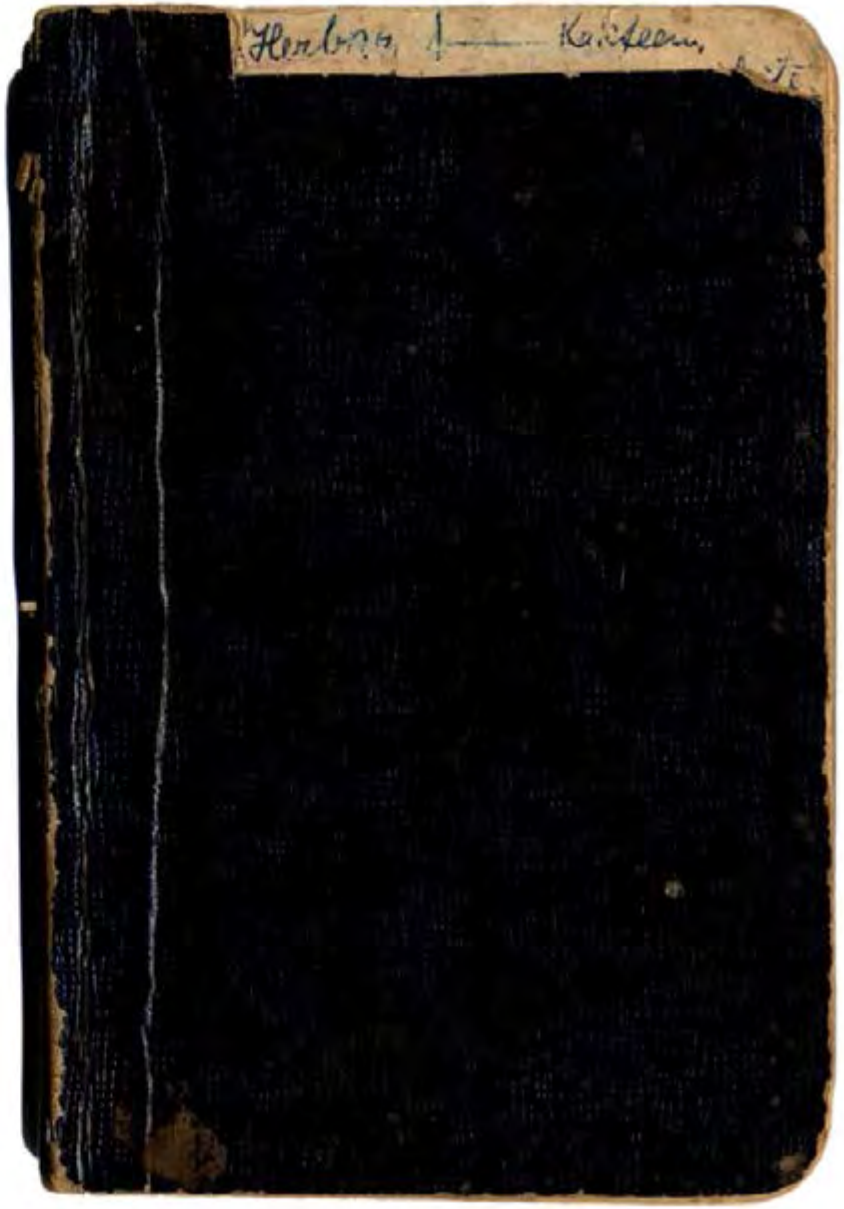

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TORRE
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Brasiliparodia 179

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FR x Acanthocalycium. 1
~~48 cylindriforme (Catamarca).~~

967 thionanthum Speg. (Cachi)
968 brevispinum Rit. (7 km südl. Cafayate)
969 catamarcense Rit. (33 km S. Sta. Maria)
970 glaucum Rit. (12 km S. Sta. Maria)
1095 violaceum (Zapallar bei Quines)

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FR 2 × Acanthorhipsalis.

343 paranganiensis Card. (Tuimi)

361 samaipatana (Card) Rit. (Samaipata)

887 monacantha (Yacuiba)

888 sp. (Pte. Acero 76)

× Aregnipa.

127 rettigii (Aregnipa) 2x

196+ spinosissima (Quicacha)

~~598~~ 127a lumpeliana (Maniña)
" " " (Chusmiza)
" " " (Strasse Tacna-Charaña 3900 m)
" " " (Carriña bei ca 2800 m)
" " " (Strasse Zapa Capiquiña 2500 m)
" " " (unterh. Locoroma)

598 a lumpeliana v. subtilispina Rit. (Strasse Tacna-Char. 2500 m)

1080 sp. n. Caniña - Schlucht, Berg ca 3800 m.

FR. × Armatocereus 3

139 glisbrechtii (Cerro Negro)
" " (südl. Atico)
" " (zw. Huancayo u. Tarma)
" " (Valle Chuchin)
" " (Curumday)
" " (Tangay)
" " (östl. Chepembe 1000-x m)
" " (Huallanca)
" " (Caras)

273 rauhii (Pucará) (2x ?)
" " (Aramango)

273 a sp. n. (Balsas)

285 laetus (Huancabamba)
" " (östl. Pap Porculla)

296 oligogonus (östl. Olmos)
296 " (Valle Piña)

297 cartrightianus (südl. Motupe)

566 procerus (Lol de Oro)

131 procerus v. armatus Rit. (Yaután 2x)
" " " (Valle Huanca)
" " " (Valle Lanta)

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4) FR × Arnatocereus (Forts.)

672 var. arnatarenus (Rahuapampa)
672 " " (Rio Urisnejas)
" " (San Marcos)

1060 arduus (El Chagual)
" " (Pte. Urisnejas)

1318 rupicola ~~sp. n.~~ (44 km W. Sn Miguel)

FR × Austrocactus. (5)

226 hibernus Rit. (oberh. Mina Dolomita)

× Azureocereus.

149 hertlingianus (Mantarotal)
" " (Ville Azul)

669 cilinqnamus (Valle Pampas)
1294 columnaris (Valle Pampas)

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6 FR. × Blossfeldia

89 liliputana (unterh. Humahuaca)

89 a liliput. cyathiformis Oruya Nord.
" " (9 km westl. Tojo)
" " (Aufstieg von Tojo)
" " (Vellatón)
" " (Fundplatz der Lowdia ritteri)
" " (Vallaita)
" " (Lomargo)

89 b liliputana v. formosa (Alemania)
" " " " (Tamatina Ost)

748 atroviridis (Chuyllas)
" " (östl. Perez)
" " (östl. Mergnoza Weg nach Tucará)
" " (westl. Sta. Ana)

748 a atroviridis v. intermedia (Pacchá)

749 pedicellata (Tomina)

750 minima (Capajtala)
" " (Angosto unterh. Capajtala)
" " (Estomagor)
" " (Algen über Millares)
" " (Cumbaya Cerca)

943 flocculosa Rit. (38 km W. Alemania)

89 a liliput. cyathif. × Angosto de Tarija
" La Merced
" cf. 11 km unterh. Atocha

FR × Bolivicereus (7)

282 tenuiserpens (unterh. Tucará)

288 serpens (östl. Pass Torculla)
" " (Balcas)

288 × 295 serpens × Leticer. aurivir. Guancab.

355 samaipatanus (unterh. Samaipata)

839 sp. brevicaulis (Mairana)

840 rufus Rit. (Ste. Acero)

1157 sp. nov. (westl. Lamiri)

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8 FR × Borzicactus (siehe auch Leticerens)

170 fieldianus (Caraz) (Leshicetán)

" "

301 roezlii (Huancabamba) (östl. Paso Porculla)

" "

304 samnensis Rit. (Tangal)

577 plagiostoma (Tangal)

577 a plagiostoma var. (östl. Chilete)

679 cajamarcensis Rit. (nördl. Sandlanos) (unterh. Cajamarca)

" "

680 field.² v. tenelatus (Churin)

1068 cephiflorus (Chavin)

1078 sp. (oberh. Tarianto) (Quebrada Huácocha)

" "

FR × Borzicactus (Forb.) 9

× Brasiliopuntia

367 sp. (Ste. Acero)

367 cf (Cerro Acati (Independencia)

1255 spec. (7 km nördl. Rui Barbosa)

1279 sp. (Arraial do Cabo)

1351 sp. (Corcovado)

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10 FR × Browningia

192 candelaris (Aregnipa)

192.a candelaris (var.?) (Camiña)

1319 sp. nov. (Jañatal, w. La Florida)

568 microspermus (w. Paso Porcella)

193 sp. Huaylluas.

193 cf " Oberh. Quicacha 1900 m

× Calymmanthium Ritter

315 subterile + (Pucará)

1295 fertile (w. Balsas)

× Castellanosia Card.

843 caineana (Villamontes + Junction am Rio Mirque).

" " Cerro Leon (Chaq.) Ebene.

× Chamaecereus

Cephalocereus (siehe S. 173)

× Cephalocleistocactus Ritter

326 chrysocephalus (Inquisivi)

FR × ~~Echinopsis~~ ~~Echinocephalus~~ 11

~~201 uyuniensis Rit. (Hiruela)~~

249 + napina (Huasco)

~~249.(2) napina (?) (Carrizal Bajo Lachiché)~~

498 + aerocarpa (Carrizal Alto)

499 odieri (SW. Caldera)

" " (S. Monte Amargo)

499 × 499 odieri × Typ. confinis (S. Monte Amargo)

500 fulva (C. Totoral Alto, unterm.)

" " (SO. " " , Berge)

501 + reichei (Maitencillo)

" " (Schlucht der Maitenniopsis)

502 + kraussii (N. Caldera)

517 + malleolata (Chañaral)

" + " (SW. Chañaral)

" + " (N. Chañaral) ~~(?)~~

" " (Pando Huasco)

518 + esmeraldana (Esmeralda, Küste)

" + " (" Berge)

" " (2 km O. Esmeralda)

710 glabrescens (Totoral Bajo nahe Küste)

" " (unterh. Totoral Alto)

713 " " (Berge 8 km W. d. Totoral Bajo)

" " (8 km südwestl. Totoral Berge, Humus)

713 sp. " (d. Totoral Bajo Berge)

713 cf. " " (18 km nördl. Totoral Bajo Berge)

1056 durispina (Voral. Vallenar)

1092 tenebrica (Carrizalillo)

12 FR × Chilorebutia (Forb.)

1321 longiseta (25 km s. Chañaral)
" " (südl. Flamenco)
1425 nyda (Carrizal Bajo)
1451 fankhanseri (nördl. Domeyko)

FR × Weingartia 13

× A Peru.

159 morawetzianus (Ayacucho)
" " (Marcacra)

664 pungens Rit. (Valle Tampus)
1296 villaazulensis R. (Villa Azul)
1297 brevispinus R. (Valle Pacharaca)

× B Bolivien.

67 tupizensis (Tupiza)
" " (Lienequillas)
67 a, tupiz. v. stramineus (Cauchland Chica) (859)
68 Stramsii (oberh. Tadcaya) (Focalla)

69 tarijensis (Tarija)

108 sp. (Cascabel)

112 glaucus (Tirata)

112 a glaucus v. pluvispinus Mondg. (Cato Tara)
324
325 ritteri (Plazuela)

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14) ~~Cleistocactus Forts~~
FR ~~B. Bolivien (Fortsetzg)~~

345 parviflorus (Cochabamba)

353 buchtienii (Cochabamba)
n (=67a) " (Yoralla)

353 a buchtii f. rothzamst. (Beginn Tarija)
" " " " (50 km O. Cochab.)

353 b buchtii v. succensis (Hda Resini)

353 c buchtii v. n. (Weg Tamparaez - Sotomayor, höhere Lagen).

356 clavarius v. borealis (Sta. Cruz)

357 candelilla Card (Mairana)

358 ~~clavicularius~~ parviflorus v. comarapanus (Comarapa)
" a spec. nov. (Abstieg Palmar - Pico Negro)
n. parviflorus (Aufstieg von Marquesa nach Ost)

359 parviflorus v. aiquilensis (Aiquile)

603 laniceps (Pte. Pilatos)
" " (Vale Mizquiny Sta. Rosa)

603 a laniceps v. pluristipina (Inquisivi)

FR ~~Cleistocactus (Forts)~~ 15
820 ~~B. Bolivien (Fortsetzg)~~ ~~albicans~~ (La Merced) weggelassen.

821 mayurinensis Rit. (Mayurina)
" " (Estancia Vanegas)

823 fusiflorus Card. cf (Jerez)
" " " " (Comarapa)
" " " " (Marquesa)

824 buchtienii forma ~~[illegible]~~ (Sotomayor)

825 ~~v.~~ pilcomayoensis Rit. (Pulqué)
" " " " " (Puente Lucre)

826 tominensis (Tomina)

827 chrysacanthus (Sopachuy) (Muster eingesandt gel.)

828 sp. n. (Lapajtala)

829 ~~spec. nov.~~ aulip (Villamontes)

829 a ~~spec. nov.~~ v. paucispinus (Salucht Lejas)
" " " (Challamarca)

830 micropetalus (Angostura)

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16 X Cleistocactus (Forts.)

FR X B. Bolivien (Fortsetzg.)

831 (omaragallorum var.) Trichocereus ard. (Entre Rios) (Abtrieg nach Tarija) (ungenügend)

" " " "

18 × Cleistocactus (Forts.)
× B. Bolivien (Fortsetzg.)

× Cleistocactus (Forts.) 19
FR × C. Argentinien
19 baumannii (Catamarca)

19b baumannii v. krotbrauns (Cumbicha)

59 jujuyensis (10 km südl. Volcán)
59a jujuyensis v. nivosus (Chorrillo)
59b jujuyensis v. fulvus (Purmamarca)
837 sp. n. (Pocito (~~Yacuiba~~, argent.)
841 cf. chacoanus cf. (Lumbreras)

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20 × Cleistocactus (Forb.)

FR × C. Argentinien (Cortalezg.)

1003 smaragdiflorus (Retama)

" (cf) " (cf) (60 km S. Salta)

1004 sp. (Straße Caldera-Nojoboro)

D. Paraguay.

1185 ~~[illegible]~~ crassicaulis (Cerro Gavan, Chaco)

1185b paraguariensis Hitt. (Paraguari, Berghöhe)

" " " (var?) (Chaco?)

FR × Lepismio (21)

205 ~~Echinopsis~~ boliviana (Morro Moreno)

" " (kreidig) " "

207b ~~erinacea~~ [E. pluricispina] (südl. Cruce nach Cafayate)

207 nahe östlich Taltal

207a cinerea v. albispina (15 km N. Taltal)

207b " [E. pluricispina] (Weg nach Cafayate)

208 ~~Echinocactus~~ ~~gigantea var.~~ Echinopsis Kraineriana (N. v. Taltal)

208b ~~Echinocactus~~ ~~gigantea var. minor~~ ~~Echinocactus orientalis~~ gigantea (C. Taposo)

209 ~~Echinopsis~~ Echinopsis Kraineriana var. (Taltal N. von 1927 N. # 12)

210 Krainziana (Taltal N.)

211 rubriflora (Taltal SW)

216 cinerascens v. Echinopsis intermedia (Barquito) (2 x ?)

230 ~~[illegible]~~ ~~cognimbana~~ ~~[illegible]~~ cognimbana (Cogquimbo)

~~230~~ " ~~(30 km N. La Serena)~~

~~230~~ " ~~(S. Teirina bei 500 m)~~

" ~~(Huasco, hoher Berg Nord)~~

230a " Carrizalillo (N. Chañaral)

" " " (29 km westl. Domeyko) "

230 " 14 km östl. La Serena.

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22 FR × Copiapoa (Fort.)

231 megarhiza (Copiapo)
231 a " (Paipote) v. microrhiza
231 — " (Toledo)
" + 506.a " + echin. v. lor. (Toledo)

245 bridgesii (24 km N. Chañ.[2] #5)

245 a ~~bridgesii~~ marginata v. (Quebrada Guamanga)
" " " (Flamenco)

246 serpentisulcata (5 km N. Chañaral)
246? " " (nördl. Chañ., Jugendsämlinge)

251 fiedleriana (Huasco)

264 humilis (22 km N. Taposo)
" " (Blanco Encalada)
" (~~Chañaral~~) (nördl. Taposo)
~~#7 Chamaecereus~~ O. Taposo erecta
505 longispina (Sierra Hornillos)
506 echinata (Carrizal Bajo)
506 a echinata v. borealis (Monte Amargo)
506 a + 507 (echinata bor.[2] + calderana + Hybride
506 b echinata v. borealis (unterh. Totoral Alto) (1 km nördl. Carriz. B.)
507 calderana (Caldera)
" " (28 km südl. Flamenco)
508 carrizalensis (Carrizal Bajo)
508 a " v. gigantea (Grundplatte Regusocinel)
509 dealbata (8 km O. Carrizal Bajo)

FR × Copiapoa (Fort.) 23

510 cupreа (21 km N. Nicolasa)
511 ~~stryptocaulon~~ marginata (SW. Caldera)
[512 ~~totoralensis~~] (O. Totoral Bajo #8)
= 506.a echinata v. borealis
522 montana (N. Tallal #4)
523 grandiflora (Esmeralda ~~[illegible]~~
524 cinerascens (23-27 km N. Chañaral)
" " " (S. Barquito) Pendelform
525 mollicula → (N. Chañaral) (2x?)

526 tallalensis (O. Esmeralda)
" (22 km N. Taposo)
527 chañaralensis (S. Chañaral) (Typ vergesandt.)
528 rupestris (Cifuncho)
529 desertorum (Sr. Las Breas u. Cifuncho)
530 columna-alba (21 km N. Chañaral
" " " (nördl. Blanqueta Chañaral)
530 a columna-alba v. [illegible]
531 longistaminea (Esmeralda #1)
[532] microspermа (Esmeralda Kusto)
" ~~#~~531(?) = longistaminea "

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24 FR ~~Copiapoa (Forb.)~~

540 tenuissima (El Cobre)

546 dura (18 km O. Totoral Alto)
" " (unterhalb " ")
" " (östl. Carrizal Bajo)
" " (10 km östl. Carrizal Bajo)
" " (südl. südlich Carrizal Bajo)
" " (13 km von Bauamericana nach Carrizal)

657 ~~Copiapoa~~ Carquitensis (Carquito) ~~(?)~~

711 castanea (16-22 km N. Chañaral)

717 alticostata (1. Pass N. Nicolasa)

718 ~~coquimbana var.~~ wagenknechtii (3 km W. Vicuña)
" " (19 km " ")
~~" "~~ ~~(30 km O. Vallenar)~~
~~" "~~ ~~(Vallenar)~~
~~" "~~ ~~(13 km O. Huasco)~~

~~722 lembckei (?) (Flamenco #14)~~ [= 1316]

1057 tocopillana (Cobija oben) ~~(?)~~
" " (Cobija unten)
" " (nördlich Tocopilla)

FR ~~Copiapoa (Forb.)~~ 25

1086 ~~coquimbana var.~~ chorosensis (30 km nördl. La Serena) (südl. Illa)
" " (15 km nördl. Tongoy Chor. Fortsetzt nach Tar-

1087 ~~Copiapoa~~ ? (Vallenar)
" " (13 km östl. Huasco)
" " (Huasco, hoher Berg Nord)
" " (30 km östl. Vallenar)
" " (Manzanillo)
" " (südl. Freirina bei 500 m)

1091 ~~coquimbana var. domeykoensis~~ ~~sp. n. (?)~~ (18 km westl. Domeyko.
" " 20 km westl. Domeyko (Teiteillerhöhe)

1148 paposoënsis 22 km n. Paposo, Höhen.

1149 ~~sp. n.~~ ~~Copiapoa~~ (Tal 4 n. Cifuncho u. Esmeralda)

1150 ~~sp. n.~~ ~~(malarchostiva~~ (südöstl. Esmeralda)

1316 ~~coquimbana var.~~ (2-5 km S. Chañaral)
" " " (östl. Flamenco)

~~1444~~ ~~1461~~ ~~gigantea~~ tenebrosa (Höhen östl. Taltal)

504 pendulina (Sta. Teresita)

~~722 lembckei~~ [= caldera = 507] ~~(28 km südl. Flamenco~~

~~1447 sp. nov. 47 km n. Paposo.~~

1461 imbricata von Wagenknecht. Herangezogen

1452 sp. n. 3 km s. Paposo. ~~Herangezogen~~

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(26) × Echinocactus. [Fritz S. 48/49

103 melanotrichus (Mecapaca)
" " (50 km O. Cochabamba)

103 b melanotr. v. (?) (Caracato)

103 c melanotr. v. (?) (Unterh. Yamparaëz)

119 charazanensis Card (Cascabel unten)
122 brevistylus über Convento 2500 m
122 a brevistylus (Lamuña)
157 ~~macisimus (Backb.)~~ (Ayacucho)
ayacuchoensis Rhm. & Back.

(= 122 b
176 brevistylus var. (?) (Huayllua)
180 sp. Quiacha
271 brachypetalus (Mollendo)
" " (Weg Yarada-Tacna)

875 ayopayanus (Pk. Pilatos)

876 pulquinensis Card (Saipina)

1020 ~~deiterhit.~~ ochuensis Card (Ocuyo)

1218 ~~[illegible]~~ anchycoensis (Chalhuanca)

[558 ~~[illegible]~~ conservatus Britt. (oberh. Convento)]
weggegeben als Herbarium

FR. × Echinocactus (Forts.) (27)

Echinocactus grosei

1182 ~~[illegible]~~ (Cerro Sca-Lag)
1182 a grosei v. anoiopinus (Cerro Colado)
" " " " (Cerro Cacti)
1274 leninghausii (Corro)
1274 a leninghausii var. (Klein's Berg)
1270 magnificus (Toropí)

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28 × Cumulopuntia

FR × A Peru

121 berteri (Tacna)
" " (Straße Tacna-Charaña 2600 m)

121 a berteri v. kuehnrichiana (Chojica)
" " " (16 km östl. Tacna)
" " " (Sol de Oro)

~~552~~ 551 ignescens (Straße Arequipa-Puno km 78) (4400 m)

560 corotilla (südl. Volcan Misti)
" " (Straße nach Lucanas km 103).

1045 sp. (Calera #4)
~~" " (Straße Tacna-Charaña)~~

198 echinacea (Straße Tacna-Charaña)

FR. × Cumulopuntia (Forts.) 29

× A Peru (Fortsetzg.)

× B Chile

121 berteri (Lagunita, Nord, bei 2900 m)
" " (Oberh. Lamuña bei ca 3000 m)

121 d. berteri (Hohenborn, Chapiquiña 3500 m)

198 echinacea Ritter (Tugnios)
" " (Straße nach Tinaruac)
" + " (Straße Arica-Bolivien, km 74. 2600 m)
~~" " " nach Lagunita~~
" " (Oberh. Lamuña bei 3400 m)
(siehe 1085 forma)

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30 X Lumulopuntia (Forts.)

FR X B Chile (Fortsetzg.)

551 ignescens (Grenze Charaña)
" " (Straße Charaña-Tacna 31 km: 4200 m)
" " " Japlche 4450 m)
" " (unterh. Chapiquiña 3500 m)
~~" " (Straße nach Timamar)~~
~~" " (Mamiña, große Höhen)~~
~~" " (Quantin)~~
" " (Timalchaca, östl. Ticnamar)

551 ignescens (Dem. O. Portezuelo Chapiquiña)
" " " (Portezuelo Chapiquiña)
rec. (Unterhalb Portezuelo Chapiquiña 1960, H. 50 S. 3201) = forma von 198, echinacea.

574 (Straße nach Tirnamar)
" (Mamiña, große Höhen)

550 Cortizina Quantin

65 c Lumulop. dactylifera v. (nördl. Ollagüe)

FR X Lumulopuntia (Forts.) 31

X B. Chile (Fortsetzg.)

X C. Bolivien.

65 dactylifera (15 km westl. Calacoto Altiplano)
" " (Aufstieg von Lara collonilla O.)
" " (Aufstieg von Copacabana)
" " (Curba #14)

65b dactylifera v. (colchana) (Ant. San Juan u. Colchac)

65d. dactylifera (schwärzl.) Tulaca ja

91 subterranea (Villazón)

346 frigida (Pap westl. Ollagüe)

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33 FR — Echinocactus (Fortsetzung) — C. Bolivien (Forts.)

394 pentlandii (oberh. La Paz)
" " (Viacha)
" "

395 boliviana (fehlt)

892 rossiana var? (Yocalla)
892 rossiana (10 km v. Cochoingenia)
892 ~~adpressa~~ rossiana (Yamparaez)
" " (Tolpina)
" " (Tp. Chuquisaca Belanzos)
" " (Chanchacui)
" " (San Antonio Tarija)
" " (Abhang v. Lopezcabana, mit Foto-Exemp.)
" " (Mal Paso)

892 a " var erectispina (Hurbe) →
892 b rossa var? oberhalb Cuevo

1163 spec. nov. (westl. San Antonio bei 4200 m)
1164 spec nov (n. Pap. östl. Uyuni)

FR — Echinocactus (Fortsetzung) — D. Argentinien — 33

65 dactylifera (39 km östl. Cachi)
" " (24 km O. Cachi, Berg südlich)

65 a dactylifera (34 km westl. Turumamarca)

892? 394? pentlandii cf. (südl. Tres Cruces #11) (lint. adpressa)
394 pentlandii (La Quiaca)
395 boliviana (westl. Turumamarca)
" " spec (27 km östl. Tafi)

~~(nach Philippi) forma adpressa Rit. (Puerta Tafil)~~
892 a adpressa f. erectispina (Hurbe)
1111 famatinensis Rit. (v. Famatina)

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34

FR. Cylindropuntia
A Südamerika

60 weingartiana (Tupiza)
" " (Cinegnillas)
" " (Macha)
" " (Cotagaita, Höhen)

61 shaferi (Volcán)
" " (Berge nördl. Tarija)
" " cf. (San Lorenzo, Oberne)

97 teres (Calacoto, O. La Paz)

114 vestita (Quillacollo)
" " (oberh. Cazasala)
" " (oberh. Valdcaya)

136 floccosa (Strafe Cajamarca-Celendin, km 47)
" " (oberh. Oricapampa)

136 a floccosa f. rauhii (San Ramarca)

137 exaltada (Strafe Tacna nach Chareña)

FR. Cylindropuntia (Forb.)
A Südamerika (Forb.)

35

152 floccosa v. lagopus (oberh. Ayacucho)

172 pachypus (Höhen nördl. Chorica)
" " (30 km östl. Casma)

410 verschaffeltii v. hypsophila (Volcán)

410 a verschaffeltii cf. (San Antonio (Tarija))

410 b verschaffeltii v. digitalis (oberh. Tafi)

563 floccosa v. f. minda (Strafe Nazca-Lucanas, km 100)

637 tunicata (Samaraca)
" " (Tarija)

652 subulata cf. (Tangal)

701 ~~floccosa var.~~ samachacana (oberh. Machac)

889 (Zhulverschaffeltii) (Don Diego)
" " (Cuova #5)

891 (weingartiana var?) (unterh. Yamparaëz)

1047 sp. n. (50 km O. Cochabamba)

1048 sp. n. (Don Diego)

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36 Cylindropuntia (Ford.)

FR. A. Clidanteriks (Forst.)

1418 lauliacoana von Valle Fortaleza ca 3600 m

FR. Denmoza ~~Echinob~~ 37

10 rhodacantha (Tinogasta)

" a " Famatina # 13)

10 " Famatina nach Ost

10 " Challao

1018 sp. n.? (94 km S. Sta. Maria)

1019 ducispauli (37 km Ost Alemania)

× Eriocactus

949 Leninnii (Yhy-Aty Paraguay)

" " (Yhu.)

950 placentiformis (Diamantina)

" " (Joaquim Felicio)

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38

Echinopsis

A Bolivien

[79a. mamillosa (Angostura de Concepción) weggegeben als Neotypus]

79 mamillosa v. ritteri (Tarija)

102 bridgesii (Hügel zw. La Paz u. Miraflores)
" " (unterh. Miraflores)
" " Mecapaca)

102a bridgesii v. tenuispina (Münd. Rio Bracato)
" " " (Pk. Pilatos) Turini
" " " (unterh. Sta Rosa)
" " " (Rio Sta Rosa Unterlauf)
" " " " " " mittl. Münd.
" " " (Aufstieg Münd. Rio Sta Rosa, Rest)
" + 785 " " + oyopeyana (Pk. Pilatos)

331 sp. n. (Plazuela)

350 obrepanda (unterh. Sapari ca 3000 m)
" — " (Quillacollo)
" — " (Quillacollo höchste Lagen)
" b " (Cochabamba)
" — " (50 km N Cochabamba)
" — " (N Amile)
" " (Entrada)
" " (oberh. Ohuyo)

350a obrepanda cf. (Tarija)
" " (Tarija Süd)
" " (Jmeras)
" " (Tadcaja)
" " Abstieg in Lerma-Talmulde, unterw.

FR

Echinopsis (Forts.)

A Bolivien (Forts.)

39

360 arachnacantha (fehlt)

360a sp. (Mairana)

360b (Torrecillas mirim) sp. v. (Valle Grande)

376 knottii (Cochabamba)
" " (unterh. Sayari)

376a + 786 (Comarapa)

377 knottii v. longispina (Rio Chico unten)
" " " (oberh. Ohuyo)
" " " (Quirogas)
" + 786? " " + sp. (Tulqui + Millaro)
(Chuyllas)

378 rojasii (San Isidro)
" " (Berge östl. Mairana)
" + 379 " (+778?) + ? " (westl.)
" " (Sap Palmar - Rio Mizque)

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40

FR

Echinopsis (Fork)

A Bolivien (Fork)

776 sp. (Lajas #7)
" " (Unterh. Rio de Piedra #4, 2x)
" " (oberh. über Padcaya)

777 ~~obrependa~~ lepenanana (Narvaiz)

777a lepenanana v. tropica (nördl. Bolivien) ~~[illegible]~~

" " " " (10–12 km nördl. Bermejo)

778 sp. n. (Abstieg Tambo Grande-Tolomayor)
" " (Lapajtala #3)
" " (" #13)

778a sp. n. (Comarapa #14)
" (Comarapa #19)

779 orozanana Rit. (Strape Padcaya-Merced)

780 tamboensis Rit. (Tambo #6, 2x)
" " (Narvaiz)
" " (Lajas oben)
" " (Lajas unten)

781 sp. n. (Lapajtala #23)

781a sp. n. v. (Ingahuasi #5)

782 silvatica Rit. (Zoll)
" " (Narvaiz)
(Esth. Berti)

783 chacoana (Palmar Grande)

783a " v. spinosior (Taringuiti)

FR

Echinopsis (Fork)

A Bolivien (Fork)

41

~~784 sp. n. (Tales Blanco)~~

785 ayopayana Rit. (Unterh. Sta. Rosa)

786 ~~sp.~~ comarapana (Lajeina #18)
" " " (Junta Rio Mizque #11)
" " " (Aufstieg Mizque-Ost #7)
" × 787 " " " #16)

786a sp. (mit Sprossbüscheln) (Tolomayor)
" " ohne " " (Lapajtala, Höhe)
" " mit " " (Abstieg Tolomayor)

787 sp. n. (Abstieg v. Talmar #22)

788 sp. n. ~~(Tomina)~~ (Perez)

789 sp. n. (Junta Rio Mizque #5)

791 sp. n. (Tomina)

792 sp. n. (Zapachoy)
" " (Tarvita)

~~806 mit Sabosa~~ (Culpina #12)

806 sp. n. (oberh. Cuevo)

807 " (Salitre #13)

809 megacarpa (Paß Tiquipaya-Independencia)

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42

Echinopsis (Forb.)

FR A Bolivien (Forb.)

986 sp. n. rubens (Hla Rossini)

" " " (Strapenedi Rauchfuß 38)

1132 subterranea Falaro 10 km westl. Bogruibe

1151 sp. n. Höhen über Tapecua

" " " Petroleumberg von Camiri.

Echinopsis (Forb.)

FR A Bolivien (Forb.)

43

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44 Echinopsis (Forts.)

FR B Argentinien

11 leucantha (Villa Dolores)
" " (Ost. Mazán)
" " (20 km südl. Lafayate)
" " (Miraflores)
" " (Mendoza)

612 silvestrii (Gral. Alvarado, südl. Salta)
" " (Fragmento)

983 spec. (30 km östl. Lafayate)

985 calochrysea Rit. (13 km Willemania)
" " (37 " " ")

985 " (?) (Lachi #9)

987 tubiflora cf. (Trancas)

18. cylindriformis Ritter (Catamarca, Cundi)

1094 cylindrica Back. (Catamarca, 1450 m)

2100 spec. n.? (Chamical #14)
2101 spec. n.? (Sierra de Ancasti, 1000 m)

FR Echinopsis (Forts.) 45

B Argentinien (Forts.)

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46 Echinopsis (Forb.)
FR B. Argentinien (Forb.)

C. Paraguay.

~~1271 rosiflora (Toropi)~~
783 rhodotricha v. ojinoiar (Filadelfia)
" " " (Zy. Sta. Martinez u. Sta. Montania)
" " " (Cerro Leon ruter)
783 b rhodotricha (Puerto Casado)
1205 " v. brevispina (Chaco-r.)
1198 paraguayensis (Cerro Pelado)

FR Echinopsis (Forb.) 47
~~(Land?)~~

D. Brasilien

1271 rosiflora (Toropi)
" " (westl. Cerro Branco)
1383 gn (westl. Santiago)

~~E. Peru~~
~~1342 peruviana (Villa Azul)~~

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48 ~~Epiphyllum~~ (Forth. 9. 174)

FR 311 phyllanthus (Linderos de Jaén)
" " (Magdalena, Mamanga)
" " (Monte Claro)
" " (~~Puente~~ Pedro J. Caballero)

1022 sp. (Sierra Amazonas)
" cf. (Tri. Capitan Pedro und Cerro Moroco)

311 phyllanth. cf (Rio Aceite Cerro Corto)
" " (nr. Pryda)
" " (Cerro Celado oben)
" " (~~Cerro Pedro~~ San Bernardino)
" tarsiens (Cienegaillas)
269 ~~[illegible]~~ aura (Arequipa)
[179 quadrangularis (Tuquro) fehlt]
~~558 deformata hitter (oberh. Convento)~~

559 ~~sp. n.~~ megarhiza (Huaylna)
~~1491 pyrogenelrantha (oberh. Ayacucho)~~
~~621 [illegible] (oberh. Mejorada)~~
~~" " " (" Ayacucho 3500 m)~~

629 sp. n. (Matucana)

634 sp. (Santiago de Chuco)
638 sp. cuajonensis (Cuajones)
[657 brachyclada (Paso Callán)
weggegeben als Herbartyp.]

FR ~~Cereus~~ (Forth.) 49
666 erecta (Chillca)

686 sp. n. (Sta. Rosa am Marañon)

687 melalenca Rit. (Churin)
der typische Stück weggegeben als Herbar
[688 pruvillana (Nuevas Flores)
Fr 688 " (unterh. Chavinillo)
[689 sp. n. weggegeben als Herbar (unterh. Chavinillo)]

1058 fortalezensis (Valle Fortaleza)

~~1070 sp. n.~~ ~~(Huinco)~~

1071 sp. n. (Abriegnesh El Tallar)

1299 erazilis (Valle Rio Pampas)
1301 ~~[illegible]~~ (13 km s. Pampas)
1302 ~~[illegible]~~ (Villa Azul)
1454 sp. (oberh. Convento ca 2500 m)

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50
FR

Eriocereus

25 bonplandii (Cumbrisla)
" " (Betania)
" " (Montes Cazeros)
" " (Corumba)
" " (Cujan Gran Luis)
" " (Filadelfia)
" " (40 km nach 240 n. Filadelfia)
" " Rosario (Pareg)
343 tephracanthus (Comarapa)
" " (Abtiegreich Lotomayor, oben)
" " (Mündg Rio Sta Rosa Jnuggfl.)
~~413 [illegible]~~ polygacanthus Ritt. (Comarapa)
619 tarijensis (Palo Blanco)
" " (Sta. Acero)

848 bonplandii v. crucicentrus R. (Villamontes)

849 sp. n. (Aufstieg von Marquesa R. #10)

1017 sp. n. (Rosario (Salta))

FR
Eriocereus (Forts.)
51

1199 guelichii (Cerro Aca-hay)
1184 martinii (Puerto Casado)
" " (Rosario)

Eriosyce

240 ceratistes (Flancos de Quanta)
" + " (Ostl. Quanta)
" " " (3 km S. Cruce Vicuña)
" " (Lombarbalá)
" " (Putaendo West)

240a ceratistes (Stadform) (Rio Blanco)

253 ihotzkyanae (50 km S. Coquimbo)
" + " (El Sordo)
" + " (unterh. Lombarbalá)
" " (4½ km nördl. Cruce Vicuña)
" " (Marquesa-Schluchtl.)

254 auseliana (?) (Cumbre Bajonal)

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52 FR

Eriosyce (Forst.)

255 lapampaensis (Tramito, Hefi Lage)
" " " Höhe 2000 m
" " " 2400 m
" " " Lage 2
" " (Rio Jorgiera)
534 borealis (Strafe nach Punta de Oro)
" " Carrera Trabo
1456 spec Mina Algarrobo.
~~(Arancaguay)~~

Echinopsis

144 haageri (Chorrica)
" " (oberh. Pariacoto)
144×147 haageiX H. multang.² (Chorrica)
144×147e " × " v. dist. (Valle Churin)
144×628 " × Lore acanth.² (Matuc.²) (Baños²)
144a = haageiv. sanm.² V. Caña, unten.
144b (fehlt) (nun 144a)
166 nana (Huallanca)
166×585 nana×H. chrysant. (Huallanca)
274 litteri (Hda. Valor)

FR 53

Echinopsis (Forst.)

281 lanata (Hancabamba)
" " (Gro Porculla nach Ost)
" " (Jucara)
~~(oberh. Balsas West)~~
281f " (Valle Caña 700 m)
281×295 lanata×Echic aurin. (Huancab.² 2×)
281e lanata f procera (östl. Olmos).

572 superba (Jaén)
573a ruficeps (Rahuapampa)
573a×571 (=586) ruficeps×Neb. albus (Rahuap.²)
660 lamianuligera (Hd. Grisnejas)
660a " Var (oberh. Balsas West)
660×656 lamianul.² × Neb. longic. (Hd. Grisnejas)
665 huamucoensis (Bei Stadt Huámuco)
" " (Huallaga-Tellmt weit oberh.)
" " (Huacar) " " "
668 hylaea (Hda. Roza (Marañon))
670 mirabilis (Balsas)

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54/FR Espostoa (Forts.)

1061 mirabilis v. primigena (El Chagual)

1314 calva (Höhen östl. Balsas)

Eulychnia

197 aricensis (Camarada)

202 iquiquensis (Iquique)

479 b morro-morenöens. v. pillisana (Colosso)

214 brevi flora v. taltalensis (Sw. Taltal)

214 a " " brevi flora (unterh. Taltal Alto)

" " b " " (Copiapo)

215 b-argentinensis (Sw. Chañaral)

215 a brevi flora v. tenuis (Piedras Colgadas)

232 acida (37 km O. La Serena)

" " (unterh. Domeyko)

241 castanea (Los Vilos)

" " (Pichidangui)

276 ritteri (Chala)

FR. Eulychnia (Forts.) 55

479 morro-morenöensis (Cerro Moreno)

479 a saint-pieana (Esmeralda)

479 a saint-pieana (N. Chañaral)

479 b pillisana (Cobre)

650 acida v. prolumbens (Maitencillo)

" " " (S. Freirina, 900 m)

651 acida v. elata (zw. Chorrillo u. Caldera)

" " " (" Castillo u. Totoral Alto)

" " " (nördl. von Copiapo)

Fagleirea

1000 pilosa (Ritter) (Jamaica)

ohne N. ulei (von Bruning) (Tippinsoft)

Frailea

948 alacriportana (Porto Alegre)

" " (30 km w. Santa Maria)

1257 grahliana (Nueva Italia)

1365 pumila (12 km w. Alegrete)

1371 var. (westl. Pantano Gr. km 137 1/2)

1369 pygmaea var. longispina (12 km n. Quevedos)

1391 aureispina v. pallidior (nordöstl. Livramento)

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56 FR Gymnanthocereus

290 chlorocarpus (Huancabamba)
" " (O. Paso Porculla)

291 altissimus (nuevo Nuevo Cajamarca) (unterh. Tucará)

~~568 microspermus (W. Paso Porculla)~~

659 pilleifer (Balsas)

1062 n. n. (El Chagual)

FR Gymnocalycium 57

21 saglionis (Catamarca)

21a saglionis v. tilcarensis (Maimará)

22 guanchinense (Catamarca)

22a guanchinense v. tinogastense (54 km W. Belén)
" " " (31 " W.)
" " " (40 Tinogasta)

22b guanchinense v. robustius (94 km S. Sta. Maria)

23 bodenbenderianum (Catamarca)

29 pflanzii (Villamontes)
" " (Palmar Grande)
" " (Palos Blancos)
" " (Betania)
" " (Lumbreras)

33 spegazzinianum (39 km O. Cachi #5)
" " (22 " Cafayate)
" " (33 km N. Sta. Maria)

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58. FR Gymnocalycium (Forts.)

88 cardenasianum (Carrizal)

397 pflanzii var. (Tonaraqa)
" " " (Marquiza)
" " " (Mattaral)
" " " (Perez)
" " " (Ste. Alice, oberh.)

432 mazanense (Fiamatina nach Ost)
" " (Fiamatina West 2100 m)
432 ~~[illegible]~~ (11 km O. Mazán)
" " (Alpa Pinche #7)
" " (Chamical)
435 stellatum cf (Chamical)

437 oenanthemum (Catamarca 1300 m)

FR. Gymnocalycium (Forts.) 59

444 schickendantzii (Catamarca)
444b schickendantzii var. (Quines)
" " " " (Lujan)

819 guerkeanum Rose (Palos Blancos)
" " (12 km n. Pal. Blancos)

961 glaucum R. (30 km SO. Tinogasta)

962 lumbrerasense (Lumbreras)
" " (Juramento)

963 antherostele (Gral. Moldes)

1097 sp. n. (Termas Capellar #4)
1097 sp. n. (Lujan, Ebene)
" " " (Quines, nahe Ortschaft)
1103 sp. n. (?) (Sierra de Quines #5)

1104 multiflorum v. parisiense (Sierra Quines)
1105 spec. nov. (Chamical #15)
1131 sp. n. (unterhalb Capilla)

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60 FR. Echinocereus (Forta)

1133 brevistylum (Boquibe) (ungenügend)

1176 stenopleurum (Cerro Leon #2)
1177 paediophilum (Cerro León #1
1178 eurypleurum (Cerro León, unten)
1179 dansii (Tres Cerros)
1180 hemiligerum (Filadelfia #1)
1181 nikanovichii v. chlorosticum (Filadelfia #2)
" " " (Cerr. Tres Marías)
" " " (Sinet u. Tres Montañas)

1372 denudatum (Weg nach Leival)
1373 " (Abaré)

F.R. Echinocereus (Forta) 61

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FR 62 Haageocereus.

133 multangul.ᵃ v. pseudomel.ᵃ (Sta. Clara)
" " " (Pachacamac)

133 " " " subv. chrysac.ᵃ (Chimbote)
" " " " (N. Pativilca)

187b decumbens (Mollendo, tiefe Lagen)
~~126 d~~ 187a " v. spinosior (oberh. Mollendo)
126 d australis (Arica)
" d " (Lomas)
" — " (Tacna)
" (=126b) " (Camaraca)

126 e sp. n. (Chancay)
126 a ~~decumbens~~ australis f. subtilisp. (Pisagua)

134 limensis (Sta. Clara)
" " (Lote Imperial)
" " (30 km N. Lima)
" " (Pachacamac)
" " (Atocongo)

145 limensis f. andicola (Chosica)
" " " (Chosica, Vlöhen)
~~145 c~~ " v. ~~trichinoides~~ (Huarico)
145 " v. andicola (Valle Lurin, oberh. Lisica)

145 f limensis v. zonatus (oberh. Chuzin)
" b " v. ~~deflorens~~ (v. Huacho, km 90)
" " " " (" unterste Stufen)

FR Haageocereus (Forts.) 63

146 (cf) limensis v. rubrochrous? (Zw. Huamico u. Cocrapa)

147 multangularis (Chosica)
" " (Lote Lagu)
" " (Valle Lurin, Lisicaya)
" " (" Chuzin, unterh. km 88)
" " (Jantán)
" " (Pariacoto)

147 d multang.ᵃ v. aureus (Tablones)

147 e multang.ᵃ v. dichromus (Chuzin # 19)
" " " (" # 19a)
147 e × 147 " " " (" # 19b)

169 ~~elegans~~ isoragonoides (Zangal)
" " isoragonoides (Chilca)
169 + 169 a ~~elegans~~ + v. heterac.ᵃ (Curzunday)
169 ~~elegans~~ (Valle Zana + 169 a var.)

182 multang.ᵃ v. turbidus (Sol de Oro)

187 ~~decumbens~~ chalaënsis} (Chala)
" b ~~decumbens~~ (Abtieg. nach Cayamá)
187 a dec.ᵃ v. spinosior (südl. Tambo-Schlucht)
× 126 c}
187 a dec.ᵃ v. spinosior (südl. Tambo-Schlucht)

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64 FR Hoagocereus (Forst)

294 pacalaensis (östl. Laredo)
" " (Lajan)
" " (Tenkbladera)
[" "] + " (17 km N. Pacasmayo)
294 " (Ascope bei Sarala)

294b pacal? v. pseudoversicolor (Sañatal) (2x)
" " " (S. Mocupe km 712)

302 versicolor (östl. Olmos)

303 versicolor v. paitanus (Paita)
318 platinospinus (oberh. Convento 2500 m)
318 " (östl. Moquegua)
318 platinospinus (Reginina)
" a " (Strape Tacna-Charaña)

582 subtilispinus (Chala (?) ~~fehlt~~
583 lanuginosus (N. Petrivilca)
584 fulvus (Valle Forfalesa)
" " (?) (oberh. Paracoto)

585 chrysens (Huallanca)

601 chilensis (Manuña)
" " (Str. Arapa-Bolivar km 71½)

FR Hoagocereus (Forst) 65

678 albidus (oberh. Ha. Eulalia)
" (Chorica Höhen)
(siehe auch unter 677)

1024 decumbens v. brevispinus (nördl. Ocoña # 3)

1059 vulpes (Südstrape nach Lajan)

1067 fulvus v. yautanensis (N. Yautan)

1074 spec. nov. (Zangal # 13)

703 pluriflorus (Hda. Orgoro)
703 " (Cerro Negro)

Platiora

1350 salicornioides (Corcovado)

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66 FR

Hylocereus.

314 sp. n. (Sta. Rosa, Marañon)
313 peruvianus cf. Valle Jaña 700 m

1023 undatus (Santos, Brasil)

Islaya

128 copiapoides ~~pachycladus~~ chagnosis
" ~~pachyspina~~ " (Chala)
(Atico)
128 a copiapoides v. pseudomolliduris
~~pachyspina v. glaucescens~~ (N. Ocoña)
186+ flavida (Convento)
200+ krainziana (Tocochile)
307 islayensis v. minor (oberh. Mollendo)
307 a " " (Horca)
588 divaricatiflora (oberh. Camaná)
589 bicolor (Lomas)
" " (30 km N. Lomas)

FR

Islaya (Forts.) 67

590 maritima (Hügel N. Chala)
" " (S. Atico)
591 unguispina (Yarada)
682 grandis (unterh. Cerro Negro)
683 brevicylindrica (Camaná, unten)
684 islayensis (Mollendo)
" " (Matarani)
684 a ~~islayensis~~ copiapoide (N. Camaná)

Lasiocereus.

661 rupicolus (San Marcos)
1303 fulvus R. (v. Balsas 1700 m)

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FR 68 Lepismium + Rhipsalis

2 (Rhips.) paradoxum (Florianopolis)
40 (Rhips.) fucumanense (N. Yujuy)
" " (Strasse nach Tafi d. Valle)
40 a (Rhips.) fucumanense v. (?) (Mairana #23)
" " " " (N. Palos Blancos)
~~40 a~~ (Rhips.) boliviannum R. (Comarapa)
" " (Langipata)
" " (Pie Arce (?))
" " (entre Rios)
" " (Pocito (Jecuba) Hoken)
" " (Tapecua)
" " (75 km östl. Camiri)
" " (Petroleumberg Camiri)
1029 (Sierra Amambay)

1030 cruciforme (Florianopolis, 3=rippig)
" " (Arraial do Cabo)
1030 a crucif. v. cavernosum (Santos, 2=rippig)
1030 b crucif. v. (P. Alegre á Taquara paraba 83)
~~1186~~ cruciforme (Yuyuyé Paraguay)
" a " (Cerro Aca-Hay)
" a " (Cerro Acati)
(Yaguarón)
1187 (Rhips.) spec. nov. (Cerro Nembuú)
1188 " spec. (Cerro Chaparé)
1264 " spec. (Rio Barbosa)
1247 " ~~[illegible]~~ (Rio Grande)
1280 " ~~[illegible]~~ Guarya.
1285 " ~~[illegible]~~ (Berlin # 44 Arroyo da Ilha)
flocculosa

FR 69 Lobivia A. Perv.

107 pentlandii (N. Puno)
107 cf. " cf. (Lauramarca)
175 tegeleriana Backbg. (Weg nach Lucanas 103)

329 a maximil.na (N. Puno)
329 b maximil.na v. brunnea (Marangani m 178)
667 ~~[illegible]~~ apurimacana (Andahuaylas)
107 pentlandii (Cuzco)
~~" " (Lauramarca)~~

694 hertrichiana (Chillca)
" " (" 3360 m, Prusnelmann)
695 minuta (Ollantaitambo)
696 divaricata (Urcos)
697 vilcabamba (Chillca, Hoken)
1313 weightiana (Abtieg nach Mantaro)
698 urubamba (Chillca, Hoken Nr 7)
1312 ~~[illegible]~~ [illegible]iana (Villa Azul)
1458 ~~[illegible]~~ [illegible]ica (Tracc)
1445 tegeleriana v. tegeleriana (Oberh. Mantaro)

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70

Lobivia (Forts.)

A. Peru (Fortsetzg.)

B. Bolivien

80 longispina (Villazón)

80 x 52 longisp. x nigra (Villazón)

80 a longisp. v. tenuispina (Escayachi)

" " " (San Antonio)

" " " (S. Antonio, Richtg. Escayachi)

81 pugionacantha (Villazón)

82 ~~cintiensis~~ v. elongata (Südl. El Puente)

82 a=22 " v. ~~elongata~~ (Oroya, Nord)

82 b ~~[illegible]~~ cintiensis (Tupiza)

" " (Zw. Carreras u. Puente)

" " elongata.

" " Cerro Cruz.

Lobivia (Forts.) 71

B. Bolivien (Forts.)

(82 c) cintiensis ~~v. longispina~~ (Villa Abecia)

= 82 e " (Torala bei 3000 m)

82 d " v. grandis (10 km S. V. Abecia)

98 ferox Don Diego

98 ferox 9 km N. Potosí

" " cf. 34 " ~~entre Potosí~~

98 ferox (Quito + Tulacayo)

" " (Tulacayo)

" " (Macha)

" " (Weg Oroya-El Monte #17)

~~" " (Cerro Gallo)~~

" " (Calpina #9)

~~(98 " v. [illegible])~~ " (Tupiza (Est.)) #7

" " südl. Villa Abecia.

~~98 ferox (v. [illegible]) (zwischen Tulacayo)~~

99 caespitosa (Rinconada (La Paz))

" " (Paß Tiquirpaya-Independ.a)

107 ~~[illegible]~~ pentlandii ~~v. [illegible]~~ (Eucaliptus)

" " Ventillas

107 ~~pentlandii~~ bolivij (oberh. La Paz)

" " (Viacha)

" " (Desagna Hero)

" " (Cardcollo, Pt. Anf. Weg)

" " (Corocoro)

" " (Vamburuta, Calacota Altiplo.)

" " Oruro (rotblühende)

" " Gallapata

" " Betanzos.

" cf " Marka.

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72 Solivia (Forts.)

FR

329 maximiliana (W. Pap. nach Las Yungas)
" (a) " (Pap. Torata Quialaya, Ost. Bundst.)

334 schieleana (Mollopampa)

334a " (Oberh. Cascabel)

347 caineana (Buen Retiro)

~~348 [illegible] (Mallagua) rosiov. bufall.~~

~~348c rosiov. v. [illegible] (Tarotani)~~

348b [illegible] Km westl. Cocalla

~~348a [illegible] v. [illegible] (Oberh.)~~

~~348 [illegible] 36 km nordwestl. Sotrin~~

~~383 [illegible] (Oberh. [illegible]) [illegible]~~

~~384 [illegible] (Oberh. [illegible]) [illegible]~~

384 hilleliana nordwestl. Km [illegible]

600 cleysiana (Inpiri Cord.)

" " (" Ind.)

~~620 distefanoiana angustura~~

~~793 sp. n. [illegible] (Tapiza (Ost) #7)~~

~~794 sp. (Vorkille #3)~~

795 sp. (Pap. Km Pedro Culpina #11)

" sp. (33 Km so. Corazata)

796 sp. (Salitre #12)

797 culpinensis (Oberh. Mocha)

797 culpinensis (Oberh. La Luna)

797 culpinensis (Culpina #10)

" " (Lecoji #12. Chanchacui)

" " (29 Km S. Lecoji)

" " (Berge über Mal Paso)

Solivia (Forts.) 73

797 (Mocha)

797+798 (Oberh. Mal Paso gemischt)

798 sp. (Culpina #16) carpizia

797 culpin. (Mal Paso #8)

~~797 [illegible] (Culpina #[illegible]) [illegible]~~

~~[illegible] (Oberh. [illegible])~~

800 hardenbaua (Km Rosario)

801 sp. (Yamparaez #4)

802 sp. (Yamparaez #5)

804 sp. (Tarvita #8)

805 sp. (Pap. N. Sta. Ana)

~~806 sp. [ist Exp.] (Culpina #[illegible]) (Oberh. [illegible])~~

~~807 megacarpa (Tapiquiri [illegible] #4)~~

808 caespitosa var. (Oberh. Quillacollo)

~~[810 sp. = 826] (Torata #14)~~

905 sp. n. (Pap. N. Sta. Ana; nuten);

~~906 sp. n. [= 1170] (Oberh. Pedraza #6)~~;

971 ~~[illegible]~~ (50 Km O. Cochabamba);

972 laparensis (Calacoto (La Paz))

973 walterspielii (Zw. Betanzos u. S. Diego)

" " " (Oberh. Ohuyo)

973a walters. v. sanguiniflora (S. Luna);

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74

F.R.

Lobivia (Forst.)

B. Bolivien (Forst.)

974 horrida R. (20 km v. Puente)

" " " ~~(oberh. Lienegrillas)~~

975 hystrix (Aufstieg von Tarija)

~~976 potosina Werd. (Don Diego)~~

977 aduncispina R. (Abstieg v. Lopacab. #5);

1136 sp. n. ~~v. Lan Juan u. Colchac~~

" " Colchac

1137 ~~[illegible]~~ nichtblühend oberh. Lienegrillas ~~([illegible])~~

" " oberh. Lana Cruz

" " Lienegrillas (Bl. weiß mit etw. Rosa)

" " " (Bl. zweifarbig rosa)

" " " (Bl. unbekannt)

~~797 calpinensis 10 km nördl. Cochinoca~~

~~" " " 9 km nördl. Ottosé~~

~~" " " nördl. Levaruyo~~

797 " " 53 km von Uyuni nach Atocha

" " " Atocha

" " " Bahn Weststraße Cotagaita-Tupiza.

FR

Lobivia (Forst.)

B. Bolivien (Forst.)

75

1160 Lob. sp. n. oberh. Tarata bei 3200 m

1161 " sp. n. oberh. Lana Cruz #16.

799 sp. (1 großes Exemplar) Culpina #17.

1170 Lob. pusilla (Angostura)

" " " (Orkas)

348 ~~andina~~ rosea (nördl. Levaruyo (einziges Exemplar).

348 ~~andina~~ chrysochete (10 km nördl. Cochinoca)

" bzw. " (9 km nördl. Ottosé)

1433 sp. (37 km n. Camargo #8)

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76

FR

Lobivia (Forta)
Argentinien

52 nigra (Abra Pampa)
" " (Purmamarca #7)

53 nigristoma (19 km S. Tres Cruces)
" " (Shurle, Saulinas)

54 (+979?) haageana (+ sp. n.?) (Huacalera (+ km?) Cochinoca?)

55 ~~buiningiana~~ ~~uncinata~~ Rit. (Volcán, Höhen) ~~in Slg.~~

403 chlorogona (Volcán, unten oben)
403 x 55 " x ~~buiningiana~~ Lepai (Volcán S W Höhen)

978 (chrysochete?) Huacalera (?)

979 sp. n. (19 km S. Humahuaca)
981 ~~sp. n. uncinata~~ ~~Rit.~~ (Paß westl. Purmamarca)
982 drijveriana (40 km O. Cachi)
" " (24 km O. Cachi, Höhen südl.)

984 schreiteri (Höhe über Tafi)

997 purpureominiata (12 km nördl. La Quiaca #4)

FR.

Lobivia (Forta)
Argentinien (Forta)

77

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78 FR. Lozeanthocereus.

~~126 e sp. [ist Marg.?] (Chancay)~~

135 neglectus R. (Sta. Clara)
" " (Pachacamac)
" " (Landstraße nach Layan)

148 variabilis (oberh. Sol de Oro)

148 x 581 (oberh. Huaylna)
148 a variabilis f. (Sol de Oro)

161 faustianus (Sta. Eulalia)
" " (große Höhe über Clorica)
" " (oberh. Sta. Eulalia)
(Huinco)

167 granditeselatus (Caraz)
" " (N W Huallanca 2300 m)

185 deserticolus (Sol de Oro)

277 imperialensis (Imperial)

277 a neglectus v. chimbot. (Chimbote)

79 FR Lozeanthocereus (Fort.)

[286] + pacaranensis v. (NO Pacaran #14)

317 gracilis (Atico)

321 seyborizus (Chorica #6)

578 parviteselatus (C. Curruyday)
" " (oberh. Chizal)
" " (NO Hautan)
" " (Quebr. Huacho)
" " (Berenga Trujillo)
" " (unterh. Lastas)

579 obtuscensis (Otusco)

581 sp. (Huaylna)
" (oberh. Huaylna)

~~583 lanuginosus (N. Pativilca)~~

628 acanthurus (Matucana)
" (X 161?) " (unterh. ")

633 sulcifer (Valle Fortaleza 1957)
" " (" " 1957)
" " (" " 1960)

671 convergens (Mala)

681 peculiaris (zw. Huancayo u. Ticrapo)
" " (unterh. Huancayo)
" " (Valle Chillon unten)
(" " Blüten-Exemplar)

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80 F.R. Lobeanthocereus (Forts.)

910 sexetonianus (S. Tambo-Schlucht)

1025 camanaënsis (Abstieg nach Camaná)

1075 erectispinus (Valle Huaura 2150 m)

~~1070 sp.~~ (~~Huaraco~~)

1460 trujilloensis (Berg nw. Trujillo)

F.R. Lobeanthocereus (Forts.) 81

Maihuenia

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82 F.R. Maihueniopsis

66 hypogaea (Abra Tampa)
" " (19 km S. Tres Cruces #14.)
417 ~~platyacantha~~ grata (Challao)
547 ~~atacamensis~~ camachoi (Weg nach San Pedro)
~~548~~ 82 atacamensis? (unterh. Sucitana)
547. camachoi (Sta. Barbara)
547 a ~~atacamensis~~ camachoi v. australis.
548 ~~camachoi~~ atacamensis (Quantin)

719 sp. (50 km O. Tres Cruces)
720 sp. (Llanos de Huanta)
" (Quebrada Marquesa)
721 sp. (23 km W. Vallenar)

1050 leptocladon (19 km S. Tres Cruces #5.)
1046 mandragora (Puerta Textil)
1051 sp. (Grenze Jujuy-Salta)
1093 sp. (20 km westlich Tomayko)

256 sp. (Transitt, unten)

FR. Maihueniopsis (Fortsetzung) 83

~~Malacocarpus~~ Gymnocactus
947 gummosus (Sierra da Franza)

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84

FR

Matucana

142 haynei (Matucana)
" " (Canta)

142 b multicolor (Abtieg nach Lucanas)
" " (Galeras, oben)

142 c haynei v. elongata (Valle Fortaleza)

164 curvundayensis (Cerro Curvunday)

178 rarissima (Strafe nach Lucanas)

299 ritteri (Huaco)

587 comacephala (Rahuapampa)

592 yanganucensis (Huarak, West)

592 a yanganucensis v. setosa (N. Pro Callán)

592 b yanganuc. v. grandiflora (Racuay)

593 ~~magalantha~~ (Lara)
" " (N. W. Huallanca, 2300 m)

594 sp. (Rahuapampa)

595 crinifera (Machac)

F.R.

Matucana (Forb.)

85

596 aurantiaca (Cerro Pablo)
" a " v. denudata (Cajamarca)
" ~~b~~ " ~~—~~ (Pass Cajabamba-Huamachuco)
" ~~c~~ " ~~—~~ (Huamachuco)
" ~~d~~ " ~~—~~ (Abweig. nach El Pallar)
" ~~e~~ " ~~—~~ (Gebirge östl. El Pallar)

596 aurantiaca (San Miguel)
" a " v. denosp. (Mamora)

597 pauricostata R. (unterh. Rahuapampa)

658 formosa R. (Balsas)

690 superteecta (Churin, oberfalls)
" " (2 km unterh. Churin)

691 winteri (oberh. Santiago de Chuco)

692 celendinensis (oberh. Balsas)

693 interteecta (Pte. Crisnejas)
" " (Strafe Cajamarca-Cajab. km 50)

911 multicolor v. hystrix (W. Galeras)

1063 sp. (Oricapampa)

1072 formosa v. minor (El Chagual)

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86 FR

Matucana (Fort.)

1073 sp. n. (El Chagual, oben) (Felsen Pappenmuster)

(Mistyvigiqeba)

1076 sp. n (El Tallar)

1304 weberbaueri (S. Balsas, 1700 m)

1305 myriac.a (S. Balsas 2500 m)

1306 haptifera (Cobri, Talca)

1307 fruticosa (" San Juan)

1308 sp. n. (S. Balsas 1700 m)

1310 aureiflora (Baños del Inca)

FR

Matucana (Fort.) 87

Mediocactus

368 sp. (Mairana #21)

" " (Corumba)

1021 coccineus (Cacarema)

1021 " coccineus (Sierra Huambay)

" " (Arraial do Cabo)

" " (Montes Claros)

" " (Puerto Casado)

" " (Tres Cerros)

1191 spec. (Cerro Sca-hay)

" (Cerro Celado)

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88 FR **Melocactus** (Fürst 1.178)

132 peruvianus (Sta. Eulalia bis Huancano)
" " (Fr. Huancano u. Ticrapo)
" " (Lol de Oro)
" " (Tablones)
132b " (Huallanca)
132 " (Omicacha)

289 bellavistensis (Ala Valor)

700 onychacanthus R (Balas)

700a onychacanthus v. conicus (El Chagual)

700b onychacanthus v. albicens (Sta. Crisnejas)

[951 ~~lectrospinus R~~ melocactus (subspec.) ~~Hamarandisi~~ Pinelade Fr. (Fr. Hamarandisi)
= 1334

1206 schatneri (Petrolina)
1487 canescens v. montealtoi (Puente de Inte Sitio)
1356 arachnites (Montes Claros)
1406 melocactoides (Jacarema)
1206a schatneri v. viridis (Caturiano)
1207 ~~macracanthus~~ ~~lanuginosus~~ ~~var. virginianus~~ (Jacú)
~~var. hum. 1210~~ ~~(Brasilia)~~
1208 spec. nov. rectispinus (Jacolina)
1209 ~~macrodiscus~~ macrodiscus (nach Leitha)
1209a macrodiscus v. nitidus (Rio Barbosa)
1209 + ~~1207~~ macrodiscus ~~spec.~~ (Brejinho)
1210 ~~spec. nov.~~ ~~lanuginosus~~ (Flamengo 713)
[1281] ~~Echinocactus melocactus~~ (Zagnardii)
~~subvar. 1334~~

FR **Mila** 89

141 nealeana Backbg. (Valle Huanca, unten)
" " " " , oben)
" " (NW Huallanca 2.300 m)
" " (unterh. Caris)

141a + 557 neal. var. grandiflora + ~~gemilis~~ (V. Fortaleza)
(grandiflora)
[557 nealeana var. senilis (Churin 1957)]
als Hybrid weggegeben.

158 cubeana (Matucana)

162 caespitosa (Sta. Clara)
" " (34 km n. Matucilca)

699 pugionifera ~~Echinocactus~~ (Caraz)

Mammillopsis

257 mighelis (Martemillo)
" " (Marquesa-Schlucht)

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90 FR

Mourvillea

293 jaërensis (Pucará)

300 sp. (15 km O. Alnwick)
" " (25 " ")
" " (Zalas)
" " (Valle Laña 700 m)

844 chacoana (Villamayter)
1174 pectoniana (Mig nach Cerro Colorado)
845 sp. n. (Valle Blanco)

1014 chacoana v.? (Coyumbá)
1015 ~~[illegible]~~ (Bella Vista)
1015 ~~glaucoides~~ litt. (Río Colorado, Guamba)
" " (Santa Rosa)
1016 ~~pectoniana~~ sp. (Monte Cerros)}
~~[illegible]~~ spec. nov.

1064 sp. n. (oberh. Chilete)
" " (Zangal)

(oder Hybrid?)

1130 megazzinii ~~[illegible]~~ (Coyuribe)
1130a " " Tres Cerros
" " Puerto Casado
1174 parapetiensis R. (Chaco-í
Zamri)
1173 rhodoleucantha (cf.) (Chaco-í)
1174a pectoniana ~~(cf.) (Cerro Pelado)~~
1173 rhodoleucantha (cf.) (Chaco-í)
1174 ~~pectoniana~~ (Vgl. bor.) (Puerto Casado)
" " " " " (Tres Cerros)
1175 ~~[illegible]~~ (Filadelfia)
1289 sp. ~~[illegible]~~ (Cerro Leon)
1409 sp. (San Joaquín)
piedadensis (nördl. Piedade)

91

FR

Morsoetzia

150a dodziana (La Mojorada)
1309 sericata R. (Villa Abril)

Neoporteria

218 nigriborrida v. coquimbana (Coquimbo)

219+ litoralis (Coquimbo)
" " (Punta de Teatinos)
" " (Küstenpflanz. Juan Toledo)
224 subgibbosa (Valparaiso)
" " ~~(Chiloé)~~
["]+ " (Tanumé)

224+224a (+hybr.) subg.? (Pichidangui ~~[illegible]~~)
224a litoralis v. intermedia (15 km S. Coquimbo)
" " " (Pichidangui, West)
" " " (Los Vilos)
224 ~~b~~c subgibb. v. orient. (Pichidangui, Höfen)
" " " " (Calzida)
224b subgibb. v. conjungens ~~[illegible]~~ (Chile ~~[illegible]~~ Ste. Hermide)
236+ castanea (Villa Prat)
" " (Pichidegua)

236a castanea v. tunensis (Tuna)
" + " " (Maitagua)

243 multicolor (Salamanca)
" " (15 km O. Illapel)
" " (Cuntil 1300 m)

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92 FR Neoporteria (Forts.)

250 + villosa (Huasco)

258 nigriborrida (El Dorado)

259 atrispinosa (Huasco, voll Nord)

473 + coimatensis R. (Las Coimas)
" " (Las Chilcas)
" " (Salamanca)
" " (2,8 km unterh. Salamca)
" " (Choapa (siehe auch 451))
" " (7 km NO Illapel)
" " (Palomar, Winterform)
" " (Brücke Salamanca-Illapel, Bl.)
~~(473 a)~~ + coimas? f. tenuispina (Las Coimas)
~~473 b~~ ~~v. crassispina (Las Coimas)~~
473 c robusta R. (O. Montenegro)

474 senilis v. (Combarbalá)
" " " (Vicuña)
" " " (Ituco)

474 a senilis f. nidus (Ovalle)
" " " (?) (19 km N. Vicuña)
474 a x 258 (Hybr.) (Ovalle)

474 b senilis v. n. (Matancillo)

481 nigriborrida v. crassispina (58 km S. Logr.)
" + " ~~(Cerr. Cruz nord. Illapel)~~
" + 473 " + coimas? (Choapa)

FR Neoporteria (Forts.) 93

482 clavata (37 km O. La Serena)
" " (47 " " " "

482 a clavata f. grandiflora (42 km O. La Serena)

483 sp. n. lanceps (18 km N. Carrizal Bajo)

535 microgerma (15 km O. La Serena)

655 socialis R. (30 km N. Carrizal Bajo)

714 napifera (El Tofo)
" " (15 km nördl. Pque Quebr. Elena)
" " (12 km südl. Pque Quebr. Elena)

715 wagenknechtii (Schluchtgrund Soldado)
" " (Küste bei El Tofo)
" " (Höhen über Quebr. Soldado)

716 clavata v. procera (30 km O. La Serena)

716 a ~~procera~~ microgerma v. serenana (15 km O. Serena) 2x

1038 sp. n. (Maitencillo)

655 a socialis v. napina (Carrizalillo)
" " " " " (Gemeinsam mit fest offen. Bl. 1040)

482 b clavata v. parviflora (Cuesta San Antonio)

1168 sp. nov. (Pte. Teniente)

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94 FR

Neoraimondia

130 arequipensis v. roseiflora (Sol de Oro)

130a " v. roseiff. subv. sayanensis (Valle Huara)

168 arequip.ᵃ v. gigantea (Ciral Nordperu)
" " " (Tablones)
" " " (Huallanca)

272 arequipensis (Atico Rippen 7-9)
" " (Cerro Negro)
" " (R. Tambo Stollen 4)
" " (Strape Tacna-Llareña)

398 herzogiana (Comarapa)
" " (Palos Blancos)

Neowerdermannia

199 chilensis (Tuggios)
" " ~~(Huasco)~~ (Tiquamar 3300 m)
" " (Chapilquina)

342 vorwerkii (Caracollo Ostaufstieg)
" " (Corocoro)

FR. 95

Notocactus

(Fortx. S. 176) ~~(sub am. S. 146)~~

425 submammulosus (Sierra Cuiriz 1000 m)

1026 ~~linkii~~ ~~v. [illegible]~~ (Porto Alegre #4)

1027 arechavaletaeᵛᵃʳ. (Porto Alegre #3)

1026a linkii ~~v. brevid.~~ (Berlin)
" " " (20 km v. Alfredo nach Carappora)

1026b linkii v. buenekeri (Garibaldi)
" " " " " (Pl. Schiff Rio Pedro)

~~1182a schumannianus (Cerro Acatí)~~
~~" " (Cerro Acatí)~~
~~" " (Cerro Bello)~~

1264 linkii ~~var. [illegible]~~ (Iguaiba #3)

1265 ottonis ~~v. tenuispinus~~ (Arroio do Rato)
" " (Loreto)

1266c " v. acutangulus (Banga de areia)

1269 g. n. horstii (Agudo)

~~1274 leninghausii (Coro)~~

1026a linkii (Rio Varela)
" " (22 km s. Julio de Castilhos)
" " (17 km s. Cacheveiro)
" c v. multiflorus (Strape nach Barragem Jaguary)

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96) FR Oreocereus

44 a. trollii (Abstieg v. Copacabana km 11).
" " (Mal Paso)

100 pulpifructus (Calacoto (La Paz))

100 a pulpifr. v. (Mecapaca)

78 celsianus f. villosissima (Villazon)

78 d × 67 cels.? × Cleistocactus ? östl. L. Pedro.

78 b cels.? v. maximus (Tupiza)

78 c celsianus v. max. f. villosior } unterh.
78 d celsianus v. celsiany (Tupiza)

123 leucotrichus (unterh. Alcerreca)

123 c leucotr.? v. (Quantin)

177 ritteri (Straße nach Lucanas km 102)

409 p. n. (Abra Pampa #11)

478 variicolor (W. Pugnios)
" " (Straße Arequipa Boliv. km 80.)

478 a variicolor v. (Chusmisa)

FR Oreocereus (Forts) 97

Oroya

143 peruviana (Oroya)

143 b peruv. var. v. deminuta (Berge Pampas)

143 a fibrosa (Andahuaylas)

163 borchersii (Huaraz, West.)

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98 FR

Parodia
A. Bolivien

46 maassii v. depleta (Tupiza)
" " (~~Tarapaki~~)
" " (Tatagatta, Vettem)

~~46 d maassii v. albicans (Betanzos)~~
46 d maassii v. albicans (Rio San Pedro - Culpina)
46 e " " v. intermedia (Bahnhof Sudl. Culpina)
46 f " robusti hirsuta hamata (Mal Paso)
46 g " v. [illegible] (Betanzos)
46 h " v. maassii (Tarapaki)
85 ritteri (Sudl. Puente)

85 a cintiensis R. (Impora)
85 b cintiensis v. hamata (Carrizal)
86 camargensis (Camargo)
" " (Saladillo)
87 maxima (Tierrequillas)
111 cornosa — (Pazuela)
120 borgalis — (Cascabel)
354 schwebiana (Cochabamba)
" " (50 km O. Cochabamba)
385 compressa R. (Chuquichuqui)

FR

Parodia (Forts.)
A. Bolivien (Forts.)

99

386 columnaris (San Isidro)
" " (Sipizina)
" " (Perez)

386 a columnaris v. ochracciflora (Margarita)
" " " (Rio Mizque)
723 proliferaR. (Las Carreras)
724 camblagenaR. (Camblaya Chica)
725 rubidaR. (La Torre #2 Ost)
726 castaneaR. (La Torre #1, West)
727 fulvispina R. (Orozo, Sud)
" a " (Rio Tapec - Tojo, nach 29 km)
" a " (9 km v. Tojo)
(v. australis)
728 woco alba R. (Sta. S. Pedro Ost)
" a " (35 km v. Camargo la Brücke)
" a " (33 km [illegible])
" v. [illegible]
729 comunitanaR. (Croza, Nord)

~~730 culpisensis R. (Culpina Lidberge)~~
~~" 731 " (Bahn Culpina)~~
731 a culpin. v. robustihamata R. (Ingahuasi)
731 subterranea R. (Bahnhof Sudl. Culpina)
" " (La Cruz)
732 tuberculata (H.da Rosario)

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100

Parodia (Forts.)

FR A Bolivien (Forts.)

733 multicostata R. (Abstieg nach Cotomayo)

734 cotomayorensis R. (Cotomayo)

735 formosa R. (N. Palos Blancos)
" " (Margarita)

736 gibbulosa R. (Capajtala)

737 minuta R. (Stadt Marguesa)

738 scampoi Card. (Pte. Arce)

739 tredecimcostata R. (Colpana)

739 a (fehlt)

739 b tredecimc.a v. aurea R. (Margarita)

740 gracilis R. (unterh. Alto Yreja)
" " (Rio Cajas, Mittellauf)

741 subtilihamata R. (Abstieg Rio Challamarca)

742 procera R. (Rio Challamarca)

743 comarapana Card. (Comarapa)

743 a " v. pauricostata R. (oberh. Matara)

101

Parodia (Forts.)

FR A Bolivien (Forts.)

744 mairanana Card. (Agua Clara)
" " (Estancho Vanegas)

746 ayopayana Card. (Pte. Pilatos)
" " (oberh. Tuiyo)
" " (Rio Sta. Rosa, Mittellauf)
" " (16 km nach oberh. Tiquipaya)

746 a ayop.na v. elata R. (Rio Sta. Rosa Unterlauf)
" " " (Mündung Rio Sta. Rosa)

746 b ayop.na v. deprensa R. (oberh. Sta. Rosa)

747 echinus R. (Mündung Rio Caracato)

912 suprema R. (San Antonio)
" " (Caña Cruz)

913 stuyensis R. (oberh. Otuyo)

914 cardenasii R. (oberh. Villamontes)

1125 obtusa (Cotagaita)

1125 a obtusa var. (25 km westl. Cotagaita)

1134 purpureoaurea (Stadt Tarará)

1135 chacoensis (Buen Retiro)

1152 sp. n. occulta (Caña Cruz, kleine)

1153 setispina (Cañada)

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102

FR

Parodia (Forts.)

A Bolivien (Forts.)

FR

Parodia (Forts.)

B. Argentinien

103

24 catamarcensis Bckbg. (Catamarca)

34 Aimeri (Chorrillos)
" " (Puerta Tastil, unten)
" " " " bei 3000 m
" " (W. Puerta Tastil, bei 3400 m)

~~35 Haustiana~~ (Erv. Puerta Tastil u. S. Antonio)

45 chrysacanthion (Höhen SW. Volcán)

46 c maasii v. carminatiflora (S. Tres Morros, Salta)

47 Filcarensis Bckbg. (Mainara)
" " (unterh. Huacalera)
" " (W. Purmamarca)

48 schitziana (Volcan)
" " (SW. Volcan, Berge)

915 scoparia R. (unterh. Humahuaca)

916 aureicentra Bckbg. (40 km O. Cachi)

916 a ~~aureicentra v.~~ varicolor R. (12 km N. Cruz Pampa)

916 b varicolor var. ~~[illegible]~~ robustiminahi (24 km O. Cachi, Berge nach Süd)

916 c aureicentra v. omniaurea (unterh. Cachi)

916 d " v. ellifusca (12 km S. Cachi)

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104

FR

Parodia (Forst.)
B. Argentinien (Forst.)

917 rigensis R. (23 km O. Mazan) (siehe auch unter 930)
" " (31 " " ") + fehlt

918 microsperma (Francas)

919 rubellihamata R. (Lumbreras)

920 rubellih.ª v. pancirostata R. (Betania)

921 rubellih.ª v. chlorocarpa R. (Mojotoro)

922 aurinana R. (Brücke Mojotoro)

923 glischrocarpa R. (6 km N. Alemania)

924 rubristaminea R. (13 km N. Alemania)
" " (28 " " ")

926 heteracantha R. (Cachi #6)

927 sanagasta (Cafayate)
" " (12 km S. Cachi #5)
" [=952] " ~~(24 km O. Cachi Bergenach?)~~
" " (60 km S. Cafayate)

928 sanag.ª v. minimisemina R. (33 km S. Sta. Maria)

929 sanag.ª v. tenuispina R. (94 km S. Sta. Maria)

105

FR

Parodia (Forst.)
B. Argentinien (Forst.)

930 sanag.ª v. grandiflora R. } (Belen)
+917 rigensis hf }

931 sanguiniflora Brkbg. (30 km N. Catamarca)
" " (10 km O. Cruce nach Andalgalá)

932 ~~(sanguiniflora var.)~~ tomata (27 km W. Tafí d. Valle)

933 nivosa (Chorrillos)

934 faustiana (siehe S. 103 Nr. 35)

952 sanagasta v. (?) (24 km O. Cachi, Bergenach?, bei 3000 m)

1096 buiningiana (Chanical)

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106 Parodia (Forts.)

FR. B. Argentinien

C. Brasilien (falsche Parodia)

~~1281 [illegible] (5 km linke Lambaré)~~

~~1284 sp. 12 km in Richtg. Tortabita~~

~~1401 sp. Wasserfall zw. da Serra – Rio Selotas.~~

~~1401a sp. Bijordim da Serra~~

~~1274 brasiliensis brasiliensis~~

FR. Pereskia 107

283 vargasii (Ilda Valor)

284 humboldtii cf (Marañon)

284 cf " cf (o. Balsas 1700 m)

328 weberiana K. Sch. (Illazuela)

640 [sacharosa (Villamontes als Hecker gegeben]

" " (Entre Rios)

" " (forma) [illegible] Rio Mirque

" " cf (Cerro Mondoy)

904 diaz romeroana (Abtieg Tulmas – Rio Mirque)

1079 sp. n. (El Chagual, oberh. Peru)

1250 spec. (Flamenco)

[1251 spec. (Caiti) fehlt]

[1292 aculeata (nördl. Sierra Paraiba) fehlt]

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108 FR

Pfeiffera

43 ianthothele (38 km S. Jujuy)

43 a ianthothele v. boliviana (Entre Rios)

363 ~~E~~matarale~~nsis~~ (Matural)
" ~~(881)~~ " (Tomarazia) (Quiroga)
" " (16 km nördl. Tamiri)

880 tarijensis (unterh. Padcaya)
" " (Rio Caja) (Strape facultà a Palmarge)

881 matarale~~nsis~~ v. flaccosa (Quiroga)

882 gracilis (Chuylas)

FR

Echinocereus

109

541 solaris (3x) (O. el Cobre)
" " (Küste Blanco Encal.)

Echinocereus (Forh. S. 167)

280 tweedyanus (Cancharque)

956 ~~gonnelleri v. cyanescens~~ (Montes Claros #3)
" " " (Jannaria #4) (Bom Jesus da Lapa)

956 a gonnellei (Barão Grajaú #2)
" " (Cyeipe)

957 densiareolatus R. (Montes Claros #4)

958 azureus R. (Jannaria #5)

958 X 956 " hybr. (cf.) (Jannaria)

~~959 diamantinus (diamantina)~~

960 ~~densilenatus~~ Senha da Franca

~~1013 sciznensis (diamantina)~~

" " (Gouveia)

1183 paraguayensis (westl. Corrolorá)

1215 sp. n. (Wasserwerk Rondonópolis)

1216 sp. n. (S. da Saudade)

1217 carolinensis (Carolina)

1217 a " v. robusti spina (Barão Grajaú)

1218 gaturianensis (Gaturiano)

1219 pernambucensis (Itaripina)

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110 FR Piptanthocereus.

20 forbesii (Bolivia)

76 forbesii v. ~~bolivianus~~ (Tarija) (Mutter umgewurzelt)
" " " (Rio Soledad)
" " " (Palos Blancos) (Lamlinge)

(76 A) forbesii v. mairanensis (Mairana)
=76 " " (Marguezia)
" " (Tarija #24)
" " (Pk. Acero)
" " (Palos Blancos)

105 huilunchu (Inquisivi)
" " (Plazuela #11 von 1958)

387 sp. n. colossus (Mairana #7)
" " " (Pk. Acero #4)
~~424 corniferus~~ (Lugar, San Luis)

877 comarapanus Card. (Comarapa)
" " (Imfas am Rio Mizque)
" " (Abtieg. Rio Challamarca)
" " (Aufstieg von Makaral, Steinling)

878 sp. n. (Plazuela #12 (1958))

FR Piptanthocereus (Forts.) 111

1438 ~~1006~~ peruvianus L. (Monte Caseros)
1006 " (Prov. Concepcion, Tarag)
" " (Lozumbá)
" " (La Preferida (Concep.))
" " (Capitan Bado)
" " — — (Jordi)
" " (Belen, Concepcion)
1007 sp. drageanus (Bella Vista, Pareg.)
" " (Bage, Brasil.)

1008 alacriportanus (Porto Alegre)
" " (San Jeronimo)
1009 sp. n. nemesioticus (Florianopolis)

1010 obtusus v. lanatus (Haw. 1831) (Santos)

1011 calcirupicola ~~calcicolus (J. 2.1937)~~ (Montes Claros)

1012 sp. n. permisetispinus (Penha da França)

1194 stenogonus (Filadelfia)
" " (La Preferida (Concep.))
" " (Chaco-S. Puerto Casado)
1194 x 2.5 hybr. stenogon.? x Eriocer. longipedicellatus (Puerto Casado)

1195 ~~sp.~~ pachyrhizus (Tres Cerros)
" cf " (Carmen de la Sierra)
" cf " cf (Paraguay, Rokes)

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112 FR. Siptanthocereus (Fort.)

1196 spec. nov. (Cerro Pelado)
" " " (Ica-bay oben)
~~1196 × 1206 hybrid?~~ (nördl. Ogbito Rey) ~~(Tarapacá, Bertin)~~
1197 lampropseudus cf (Cerro León, unten)
1249 jamacaru (Urandi)
1259 ~~Uhsum~~ (Arreial do Cabo) ~~" " " (Bahia)~~
1282 goiasensis (Carolina)
" " {(Carolina Normal- und Jugendtrieb)
1410 sericifer (Tres Pios #1)
1411 ~~sp~~ cipoensis (Veranópolis Hotel)
1412 ~~sp~~ cabralensis (Joaquim Felicio)
1421 macronesiticus var. interior (nördl. Piedade)

FR Platyopuntia 113

A Peru-Chile.

153 ficus indica bot. (Rahuapampa)

298 quitensis (Rahuapampa)
" " cf (Chalhlanca)

304 als Typus weggegeben sp. (östl. Chavin)

554 soehrensii v. chilensis (Grande Tarma-Chorrillos)
" " " (östl. Carrillos bei 3 Rom)

605 [564] parvensis cf (östl. Chavin)
" " (N. Ste. Cruz-Jaen)
" " (Zangal)
~~605~~

704 sp. (Cerita)

554 f soehrensii var (nach rutrabin) (Socoroma)

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114 FR

Platyopuntia (Forb.)

A. Peru (Forb.)

B. Bolivien

37 quimilo (Colpana #3)
" " (Pte. Arce)
38 sulphurea (Carrizal)
90 nigispina cf (Culpina #7)
94 spinibarbis (Carrizal)
117 (Cascabel)
" (Independencia #9)
118 alko-tuna (Lard) (Cascabel)
153 ficus indica (Lebach.) (10 km west Doyuibe)
338 orureensis (cf) (Macha)
344 cochabambensis (Cochabamba)
" " (Palmar bei Valle Grande)
388 retrorsa Speg. (Villamontes #3)
389 sp. n. (Comarapa #13)

FR 115

Platyopuntia (Forb.)

B. Bolivien (Forb.)

554 a sochrensii (Aufstieg von Caracollo nach)
" " (Corbcoro)
" " (Desaguadero)
" " Lucabiyus

604 albisaetacens (robbl.) (Tupiza)
" " (Villonta #18)
" (X 554 a?) " hybr (?) (Weg Oroya-Monte (unten)
" " (Macha)

614 palmiana var. spatiana " (Tarija #8 (von 1958))
" " (Palmar Grande)
624 spec. (Tarija, Trennungsbahn Weg Andre Oroy-Indeny)
893 bicolor (Palmar Grande)
" " (Comarapa)

894 sp. (Sta. Rosa #2 a)

895 conjungens (Cajas #10)

896 sp. (Plazuela #5)
" (Pte. Pilatos #10)

897 tayapayensis (Rio Cajas #10)
" " (Mairana #3)

898 sp. n. ≠ (Tacuarandi #5)

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116 FR

Platyopuntia (Forts.)

B. Bolivien (Forts.)

899 sp. salmiana (Tomarapa #11)
Alfredbrm

900 sp. n. (Rio Ma. Rosa #14)

901 sp. n. (Quiabaya)

1042 ~~sp. n.~~ ~~cumensis~~ (San Antonio, Boliv.)

1166 spec (Taringniti #1)

FR

Platyopuntia (Forts.) 117

B. Bolivien (Forts.)

C. Argentinien

38 sulphurea (60 km S. Salta)

63 tilcarensis (zwischen Humahuaca)
" " (34 km N. Purmamarca)

90 (=411) nigrispina (Abra Pampa)

92 sp. n. (Leon)
" " (nördl. Jujuy)

94a spinibarbis v. (cf) (22 km O. Cachi)

153a cordobensis (Catamarca)

412 corrugata (cf) (Tafi d. Valle)
" " (Volcán)

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118

FR Platyopuntia (Forts.)
C. Argentinien (Forts.)

554 b sochrensia v. (Abra Pampa)

554 c (Volcán)

554 d sochrensii v. (39 km O. Cachi #4)
" " (27 km W. Tafi de V.)

554 e sochrensii v. (S. Tres Cruces #2)

610 spegazzinii (cf.) (Botania)

[644 (ähnl.) sochrensii (19 km S. Tres Cruces #1)
als Herbartyp weggegeben.]

893 discolor (cf) (31 km N. Tucumán)

[1036 pitunitosa R. (Monte Caseros)
Als Herbartyp weggegeben]

1039 sp. n. (22 km O. Cachi rotbraunst.)

1041 sp. n. (Morrillos)

119

FR Platyopuntia (Forts.)
C. Argentinien (Forts.)

1043 microdisca (33 km S. Sta. Maria)
" " (94 " " " "

1043 a microdisca v. erectoclada (22 km O. Cachi)
" " " (12 km nach Cruce á Poma)

1044 sp. n. (112 km W. La Puerta)

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120 FR. Platyopuntia (Forst.)
C. Argentinien (Forst.)

D. Paraguay

388 cf. retrorsa cf. (Yerro Rca-hay)
" " Concepcion
1203 spec. Puerto Casado #4
~~1252~~
1204 spec. " " #5

FR. C. Platyopuntia (Forst.) 121
Brasilien

1035 sexatilis R. (Montes Claros)

1037 diamantinensis R. (Diamantina)
(in Planung)

1038 sp. n. (Corumbá)

1040 vulgaris Kill. (Porto Alegre)

1252 inamoena (Barão Grajaú)

[1252 a " formosa (Urandi Höhen)
weggegeben als Herbar]

1253 palmadora (Araripina)
" " (Jaguarari)

1254 catingicola (Tacut #12)

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122 FR

Stenocactus

Pygmaeocereus

322 familiaris R. (Chala)

561 bylesianus (oberh. Horca, Süd)

561a bylesianus (oberh. Camaná)

561b bylesianus (oberh. Camaná, Ausnahme)

FR

Pyrrhocactus

123

A. Chilenses

204 ~~recondite~~ (Hilf?) (Chimba)

201 ~~riguquensis~~ R. (Iquique)

203 residus R. cf. (Chimba)
" " (Morro Moreno)

212 + taltalensis cf (Taltal)
" " (N. Taltal)

212a talt.? v. flariflorus R. (15 km N. Taltal)
" " " (Zuped. Cerro montana)

212b talt.? v. ~~tenuispinus~~ R. (Paposo, O. Wasserstelle)

520 212c talt.? v. ~~tricuspinus~~ R. (Cifuncho #3)
520 " " (S. Chañaral)
520 2 (ca. 25 km s. Barquito)
212d talt.? v. longatus R. (Paposo, N. Wasserstelle)

213 rupicolus R. (S Barquitos)
(—) + " (29 km N. Chañaral)
" " (Esmeralda)
" " (21 km N. Chañaral)

213a rupicolus v. (15 km O. Chañaral)

213b + rupicolus (?) v. (Morro Copiapó)

213c intermedius (N. Chañaral, unten)
" " [= 1085] ~~(Hohenform)~~
" " [= 519] ~~(25 km N. Chañaral)~~
" " Chañaral (Richtung?)

217 + pilispinus (S Barquitos)

213k intermedius (n. Chañ.? Hohenform)

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124

Pyrrhocactus (Forst.)

FR

A Chile (Forst.)

220 kunzei (Pamota)
" + " (Toledo)
" + " (Sierra Cornillos)

222 nigricans (Ovalle)

222 a kesselringianus (Lombarbalá)

222 b nigricans v. grandiflorus (Vegas Frayes)
222 c nigricans var. (Incienso)
223 + horridus (Valparaiso)
" " (El Salto)
" " (Palos Quemados)
" " Dichidanguni, Birde (1961)
223 a horridus v. minor (O. Dichidanguni) Kittel "
223 — " " (N. ")
" x 470 + (hybr.) (O. ")
(223 b siehe S. 130)
225 + curvispinus (Coya)
" x 466 hybr. (Coya)

225 a + curvisp. v. santiagensis (Rio Blanco)
" + " " (Putaendo)

225 b curv.² v. pilipensis (Cerro Mizas)
" " " " " Sanpekoiqui
" " " " (Las Loimas) Skupp.
" + " (Las Palmas)
(") + " (Las Palmas)
" + 468 b " " + andic.² desc.² (Alicahue)

125

Pyrrhocactus (Forst.)

FR

A Chile (Forst.)

225 c + curvisp.² x combarb.² (Lombarbalá)
" " " (Matancillo)
" + 709 cf. " " (Salamanca)
(Ruco)

225 d + curv.² v. mostazalensis (Sra. Fr.ᶜᵒ de Mostazal)

225 e + curv.² v. (Petorca)

225 f + curv.² v. (Lombarb.² Hotel O)
" + " (Putaendo Hotel)
" " (Cerro Elvado)

234 + marksianus (Villa Prat)

234 a + marks v. tunensis (C. S. Fernando)

235 engleri (Las Yaretas)

237 a aspillagai (Cardonal)

~~238 chosenensis (Las Vacas)~~
238 + " (Chvapa)
238 x 470 (?) " x sodrill.² (Sitl. Dichidanguni)
238 chosenensis (Zolapel)
239 robustus v. vegasanus R. (Las Vegas)
" " " (Cebollo)
" " " (Sitl. Filmetzoom)

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FR

Pyrrhocactus (Forts.)
A. Chile (Forts.)

239a robustus R. (Relinco Höhen)
239a × 471 " × froehlichianus (Co. Campana)

252a fuscus (nördl. Vicuña)

252b fuscus v. spinosissimus (nördl. Vicuña)

252c + fuscus v. trapichensis R. (Trapiche)

(260) + huascensis R. (Huasco S W)
260 " " (" Nord)
" " (13 km O. Huasco)

267 occultus (Cachiyuyo nördl. Taltal)
268 atacamensis (Amaraca)

449 armatus (El Taico)
" + " (Cuesta Lo Prado)
" × 466a + (San Franc. de Mostazal)

466 + lissocarpus (Coya)
466a " v. gracilis (Colignay)
466a + lissocarpus v. ~~[illegible]~~ (Petrero [illegible])

467 + garaventai (Co. Campana)

468 + andicolas (Co. Chivato)
" + " (W. Pintado)

Pyrrhocactus (Forts.)
A. Chile (Forts.)

FR.

127

468b + andicolas v. descendens (Los Andes #5)
" " " (La Cumbre, Los Andes)
" " " (Las Condes)
" + 225b " " + curvispinus (Alicahue)

468d + andicolas v. robustus (O. Lombarbalá)
" " " (Pap. zwischen Lombarbalá
" " " (oberhalb Tilama)

468e andicolas v. mollensis (Plantallolles)

469 grandiflorus R. (Co. de la Provincia)
" " (Refugio Lagunillas)

470 + odoriflorus R. (Pichidangui #5)

471 + froehlichianus (Co. Campana)
" + " (Calera)

475 atroviridis (Vallenar Nord)
" " ~~(6 km N. Vicolera)~~
" + " (Vallenar Süd)

480 curvispinus v. australis (Lidetal)
482 + erionychoides (6 km v. Huasco Bahnhof)
484 + eriosyzoides " " " (Llanta)
484a " v. domeykoensis (Cuesta Pasonale)
" " " " " cf. (12½ km nördl. Domeyko)
485 + transitensis (Transito)

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128 Pyrrhocactus (Forts.)

FR

A Chile (Forts.)

~~486 vallenarensis Bap. nach Andacollo~~

486 + vallenarensis R. (oberh. Vallenar)

" " (27 km Huasco)

" " (5 km nördl. Vicuña)

" " (Vicuña in Vargas-Garten)

487 wagenknechtii R. (La Serena)

488 + simulans R. (Choros Bajo # 5)

(") + " (Trapiche ~~Choros Bajo # 5~~)

489 + chorosensis R. (Ebene NO. El Tofo)

490 heinrichianus cf. (12 km südl. Carrizal Bajo)

490 heinrichianus cf. (Rio Choro # 6)

" " (Schluchtausgang Chañaral de Aceituno)

490 a heinrichianus cf. (Rio Choros # 6 a)

491 crispus R. (Maitencillo)

492 + totoralensis R. (östl. Totoral Bajo)

" " (30 km N. Carrizal Bajo)

(") + " " ~~(Carrizal Bajo, Kuppe)~~

" " (Carrizal Bajo, Kuppe, 2 km südl. Ind. ~~Carrizal Bajo, Kuppe~~)

493 + carrizalensis R. (5 km O. Carrizal Bajo)

494 + confinis R. (S. Monte Amargo) 2 x.

495 + gracilis R. (Morro Copiapó)

496 + calderanus R. (Caldera Nord)

519 + pygmaeus R. (22 km N. Chañaral # 9) 3 x

520 (siehe unter 212 a)

129 Pyrrhocactus (Forts.)

FR

A Chile (Forts.)

521 + paucicostatus R. (22 km N. Taposo)

521 a + paucicostatus v. viridis R. (12 km N. Tap.)

537 + echinus R. (Cerro Coloso)

537 a echinus v. minor R. (Blanco Encalada)

538 flavescens R. (El Cobre)

542 aconcaguensis R. (Chagres)

542 a aconcag. v. orientalis R. (La Cojiza)

" " " " " (unterhalb Los Patos)

545 floccosus R. (Blanco Encalada)

599 chilensis (Pichidangui)

~~655 socialis R. (östl. Carrizal Bajo)~~

707 dimorphus R. (Coquimbo)

707 + 707 x 487 " x wagenk. (2) (15 km O. La Serena)

708 setosiflorus R. (189 km S. Coquimbo)

708 a setosiflorus v. intermedius R. (58 km S. Coquimbo)

709 fusciflorus R. (unterh. Ovalle)

712 saxifragus R. (Guanillos)

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130

FR. Pyrokcactus (Forts.)
A. Chile (Forts.)

1085 scoparius (Nördl. Huapi, Chañar Hoher)

~~1055 velatus (Morro Moreno)~~

1055 vescatus (Morro Moreno)
~~Weggegeben als Typus nach Lorentz~~

1159 sp. nov. (oder forma 519) 21 km n. Chañaral

223 b horridus v. vulgaris (Kitzkuppen n. Vilos)
" " " " " (Los Vilos)

~~1436 horridolifilus (N. Taltal, hohe Westwand)~~

1439 ~~[illegible]~~ (Coligny)

1450 Off von Fr. Krais ~~[illegible]~~ geschrieben

1453 ~~sp. nov.~~ (3 km s. Papozo, Küste) herausgelegt.

FR. Pyrokcactus (Forts.)
B. Argentinien

131

9 catamarcensis (Estancia El Plata oberh. Potrerillos)

9 cc catamarcensis (Famatina, nach West)

32 umadeave (Straße T. Tastil - San Antonio)

965 bulbocalyx (O. Dimozarta)

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132 FR Quiabentia

ohne Nr. spec. (von Ewald Ritter, Trichira)

902 verticillata Vpl. (Villamontes)

903 perezziensis Bckbg. (Abtieg z. Rio Mizque)

1034 zehntneri Rd & R. (Zapuarria)
" " (Palma de Monte Alto)

1200 sp. (Filadelfia)

Rauhocereus siehe S. 139.

Rebutia.

A Bolivien.

57a pygmaea ~~schickendantha~~ (Villazón #16)
" pygmaea (Abtieg von Lopacabana #10)

83 fiebrigii ~~novae~~ R. cf. (Cajas #4)
" " " cf. (Tabrita #7)

84 fiebrigei (Zingahuasi) 2x
" " (Culpina (2x)

84a fiebrigei (v.?) (La Merced)
" " (Padcaya)
" ? " (Tambo)
" ? " (Cap. Orth. pumacas)

FR Rebutia (Sect. R.)
A Bolivien (Sect. R.)

~~339 pygmaea (Abtieg v. Lopacabana #7)~~ [ist #1106]
339 orurensis (Oruro Nord)
" " ~~(10 km nördl. Bolivien)~~

341 steinmannii (Llallagua)
~~1115 (nähe steinmannii) (Mal Paso) (von 1162 # 11)~~
341a ~~steinmannii var.?~~ (Sanchutoro #9 von 1162)
352 violascens R. (Llallagua #5)
" " (Masha)
341a ~~steinmannii var.?~~ (37 km N. Camargo #8)
(37 km nördl. Camargo)

753 minuscula R. (Narvaez #10)
" " " cf. (Cajas)
754 sp. n. ~~cf. Padcaya~~ (Cajas) (Narvaez #2)
754 x 762 b(?) sp. n. x kupperiana (Narvaez #2 x 8?)

[755 sp. n. ~~n. 945 km²~~ (Tambo #7) fehlt]
756 ~~flavistylus~~ (Rio Cajas #4)
757 ~~paterocalycae~~ (Cuevas)
758 ~~albispectinacea~~ culpina (Hosten)
757a ~~chontopeta~~ (oberh. Cuevas)
759 sp. n. (Cuevas #16)

[760 sanguinea (Padcaya #9) fehlt]
760 sanguinea (Berge nördl. Angost) als Muster weggegeben

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FR

Rebutia (Forts.)
A. Bolivien (Forts.)

[761 ~~sp.~~ albiareolata (Padcaya #8) als Muster weggegeben]

762 kupperiana (Padcaya #10)

762 a kupperiana (Tambo-Bellicht)

763 a robustispina v. minor (Cajas #10)

764 buiningiana R. (Padcaya #5)

~~765 fleb. v. cinti?~~ ~~(34 km n. Camargo)~~

766 pulvinosa R. (Rio Cajas #15)

766 a albiflora (Rio Cajas #15 a)

[767 sp. n. robignosa (Abstieg Challamarca #3)]

768 ~~sp.~~ pozalesensis (Tarvita #12)

769 nitida R. (Cajas #5)

770 sp. n. tuberosa (Abstieg Challamarca #7)

772 ~~sp. n.~~ melachlora cf. (Ingahuasi #3)

773 ~~sp. n.~~ zapiaensis (Tarvita #9)

135

FR

Rebutia (Forts.)
A. Bolivien (Forts.)

935 melachlora R. (35 km N. Camargo #9)

936? ~~vitteri v.~~ (pauricostata?) (Abstieg Lopacal? #8)

936 " " pauricostata (San Antonio)

937 costata Werd. (Abstieg Lopacal? #9)

" " " (Villazón #15)

938 fleb. v. cintiensis (35 km N. Camargo #14)

939 vulpina R. (Aufstieg von Tarija #2)

940 sp. n. fusca R. (Aufstieg von Tarija #3)

1106 sp. colorea (var.?) (Abstieg von Lopacalana km 11 #7)

[1106 ~~sp.~~ colorea (San Antonio #8) weggegeben als Typhulosper.]

1109 brunneocinctata
1109 " n. (Vista San Antonio #12 (1962)
1109 " " " " " #12 " (Bl. Zinsk)

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FR

Rebutia (Forts.)

A Bolivien (Forts.)

1113 rutiliflora (Mal Pasto # 4 Foto-Exemplar)

1114 tropaechinata (Mal Pasto # 3) für Herbar gegeben

[1115 rondatiflora (Mal Pasto, unten) als Samen bezogen]

1117 sorquata (Mal Pasto oben # 4)

1118 vestigina (Mal Pasto, Gebiete, feinst)

1119 vespina (oberh. Toratora)

1120 n. (oberh. Lana Cruz)

1121 pelecyrodata (Dr. Ritter, Grenze Peru)

1122 ~~[illegible]~~ pseudomamara (oberh. Tarija # 9)

1124 minutissima (Abstieg nach Tarija, kleinste)

1141 cajasensis (oberh. Cajas – Schlucht eingeführt als Exemplar)

1142 haycobensis (Tambo-Schlucht oben)

[1428 sp. als Holotyp weggegeben (? bei der Cotosi)]

FR

Rebutia (Forts.)

B Argentinien

137

58 calliantha cf (Volcán unten)

~~57 haagei (10 km südl. Tres Cruces)~~

57 a ~~trachypetala~~ (La Quiaca)

~~339 pygmaea (südl. Abra de Pampa)~~

~~[ist 1107 und 1106] (südl. Tres Cruces)~~

57 haagei (Gebirge südl. Jujuy)

402 pilifera Fric n. n. cf (oberh. Volcan, die beiden Exemplare der Samenprobe)

~~33~~ 402 " " oberh. Volcán (weitere Exemplare)

404 sp. (oberh. Volcan # 5)

~~941 senilis cf (Caldera)~~

941 senilis cf (Castellanos bei Salta)

941 a senilis cf var (?) (Weg nach Cachi)

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FR

Rebutia (Forb.)
B. Argentinien (Forb.)

942 napina R. (Chorrillos)

1106 Hcf. spec. (pygmaea?) (19 km südl. Abra Pampa)
" " ~~(Abra Pampa bei Lopez bei km 1106)~~

1107 spec. (pygmaea?) (19 km südl. Tres Cruces)
" " (7 km südl. Tilcara)

1430. spec. (8 km nördl. Caldera)

139

FR

Rebutia (Forb.)
B. Argentinien (Forb.)

Rauhocereus.

287 riosaënsis v. pleneriensis (Jacob.)
287a " (Rio Laña)

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140 FR Rhipsalis

~~339 [illegible]~~ ~~[illegible]~~ lumbricoides (Rosario am Rio Rosario)
~~[illegible]~~ ~~[illegible]~~ Pfeifen (25 km S. Salta)
" " " " (44 " S. Jujuy)
" " " " (36 " N.)
" " " " (La Merced (Bolivia))
" " " " (Entre Rios #2, 2x)
" " " " (Jacuarandi #14)
" " " " (Weg nach Matural)
" " " " (Paraguay)
" " " " (Chaco – 1)
" " " " (Colonia Friesland)
" " " " (Cerro Pelado (Paraguay))
362 lorentziana (Arrep. Mendoza – Valle del R.)
" " " " (Socitos, argentin. Grenze)
" " " " (Entre Rios)
" " " " (Narvaez)
" " " " (Tamaipata)

364 shaferi (Cerro Pelado (Parag.))
364 ~~lumbricoides~~ (Socitos, argentin. Grenze)
" " " " (Sta. Cruz)
" " " " (Plazuela)
" " " " (94 km von Villa Mendoza)
" " " " (Tres Cerros (Paraguay))
365 ~~[illegible]~~ lumbricoides (N. Catamarca)
" " N. cucorbaplis. (23 km N. Tucumán)
" " " " (31 " ")
" " " " (Entre Rios #8)
" " " " (Jacuarandi #12)
" " " " (Matural)
" " " " (Mairana #4)
" " " " (Jensen, Rio Grd. Sul)
116 hylaea R. (oberhalb Jaén)
" " (unterh. Marañon, Valle Marañon)
" " (Aramanez, Marañon)
310 micrantha cf. (Valle Zaña)

FR Rhipsalis (Erh.) 141

586 p.m. Cumarapa

455 houlletiana (Canela (R. Grd. do Sul) oben)
" " (Covero + Berlin)

1028 linearis (Canela, R. Grd. do Sul)
" " (Colonia Independencia)

1031 crispata (Hav.) (Bezlan (Florianopolis))

1032 heteroclada (Santos)
" " (Florianopolis)
" " (Porto Alegre, Arrep. nach Taquara, Berg bei Parada 73)

1 cassutha (7 km N. Rui Barbosa)
" " (Corcovado #2)

1190 cereuscula (Yrypyte, Parag.)
" " (Corcovado #4)

1263 ~~[illegible]~~ grandiflora cf. (Arraial do Cabo)
" ~~alboareolata~~ ~~[illegible]~~ (Jacarandi)
~~1286~~ ~~[illegible]~~ (Berlin #8/9)
1287 warmingiana (Agudo)
1317 ~~[illegible]~~ micrantha var. (oberh. Caracas)
1263 grandiflora cf. (Corcovado #3);
1293 pachyptera fehlt (Corcovado #9);
1405 spec. (Itabela #5); fehlt

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142 FR. Echinopsis (Trichocereus)

Rodentiophila R.

264 atacamensis R. (Westl. El Salado)
" " (einige km O. Lifuncho)
" " (Weg nach Tandeazucar km 9)
" " (" " km 20)
" " (Pass nach Elqueneo (Elemenco)

514 megacarpa R. (S. Chañaral)

515 + sp. lomata (Lifuncho)
515 " (Schlucht W. Lifuncho u. Esmeralda)

143 FR Lamaiopsis

392 corrcanus (westl. Mairana)

Leucocereus (= Borzicactus)

292 humboldtii (Huancabamba)
" " (Paso Porculla)

295 aurivillus (Huancabamba)
" " (Paso Porculla)

Lockerusia

431a ingens (9 + km S. Ste. Maria)
" " (4 km W. Tafi Viejo)

556 uebelmanniana (Guanchin)
" " (Tocoyuca)

613 corethroides (3 + km W. Durmamerca)

966 bruchii (14 km W. Tafi d. Valle)

966a bruchii v. brevispina (Tafi d. Valle)
" " " " (Steppe nach Tafi d. V.)

7 formosa (oberh. Poperillos)

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144 F.R. Echinopsis (Forts.)

~~15 corynne Echinopsis~~

15 corynne " Salmar (Grande Bolivia)

" " (Lymbrida (Catamarca)

" " Filadelfia (Uruguay)

873 corynne v. procera R. (Palos Blancos)

874 glauca R. (Marquesa)

Lobivia

369 lepida (Lapachunchu #2)

374 tiraquensis v. spinosior (Lapachunchu #1)

374 a tiraquensis (105 km O. Cochabamba)

751 sp. n. (Quillacollo #7.

751 x 752 hybr. (Quillacollo #7 x #8)

145 F.R. Lobivia (Forts.)

752 verticillacantha v. verticinior (Quillacollo #8) (38 km W. Sucre)

752 a verticillacantha (Abtriegnach Sayari)

774 sp. n. rendiagi (Ita. Rosa # 12. (unterh. Tiquipaya).

775 sp. n. (Rio Ita Rosa # 12.)

944 weingartiorides (17 km S. Totora)

945 mentosa (Aiquile)

946 sucrensis (38 km W. Sucre # 4

946 a sucrensis (hybr.?) (38 km W. Sucre # 3)

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146
FR.

Tephrocactus

articulatus
420 ~~articulatus~~ payungacanthus (54 km W. Belen)
421 a articulatus var. (Lujan)
451 weberi (60 km S. Cafayate)
" " (33 " S. Sta. Maria)
419 pleoanderi (Fangtina)
1049 bruchii (20 km S.O. Tinogasta)

~~ohne Nr. (Pfersillos, Monkeyblgbed I. 57)~~

~~420 a articulatus~~ fehlt (Pfersillos I 57 verwechselt)

1098 ~~ovatus~~ avracanthus (Challao)
420 a articulatus (Challao)

147
FR.

Tephrocactus (Forts.)

Thrixanthocereus

306 blossfeldiorum (Huancabamba)
" " (8 km ostl. Brücken n. Tucara)
(Balsas)

569 senilis R. (Rahnapampa)

569 b. senilis var. (Arinapampa)
(mehr Dornen benötigt)

1065 cullnemianus R. (Rio Crisnejas)

1069 sp. n. (el Chagual)
(Sämlingsnummer benötigt)

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148

FR

~~Trichocereus (Forb.)~~

1315 Hoffeld^m × Matucana formosa Valdas

~~Trichocereus~~ ~~Trichocereus~~

~~A Berg~~ ~~A Berg~~

~~155 pachanoi v. peruvianus~~

994 sp. n. (Strafe Tiza-Charaña 3300 m)

994 rf ~~Unterh. Lagunas ca 3000 m~~

149

~~Trichocereus (Forb.)~~

~~A Berg (Forb.)~~

155 pachanoi peruvianus (Yaután)

" + 567(?) " " " + pachanoi (?) Matucana

~~155 pachanoi peruvianus Unterh.~~

270 glaucus R. (Horca)

~~287 tupicus (inter Rauhoq) Jaen~~

~~287a " var " (Valle Lima)~~

567 pachanoi (Huancabamba)

" " (Sth. Jaurre)

" " (Cerro Luzzunday)

567a santaënsis (Carás)

~~662 crassiarborens (Valle Pampas)~~

~~663 tenuiarborens~~

676 sp. pallarensis (Rafnapampa)

" " (El Pallar)

" " (unterh. Cajamarca)

677 ~~cuzcoënsis~~ ~~Bruch.~~ (Valle Pampas)

677 " " (Mejorada)

" " " (Nuevas Flores)

" " " (Villa Rosal)

677a cuzcoensis " " (Cusco)

1467 toratáensis w. Lagunas

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150 FR Trichocereus (Forts.)
~~Peru (Forts.)~~
B Chile.

227 chilensis v. pantoplites (Combarbalá)

228 chilensis (Chagres)
" " (Berge südöstl. Vilenca, südl. Limache, ca. 800 m)

228 d chilensis v. ~~litoralis~~ (Huanta)
" " " (~~Huanta~~ östl. Los Patos 1500 m)

228 chilensis v. conjungens (Choapa)
" " " " " (Valparaiso Küste)
" " " " " (Graniza)
" " " " " (Pichidangui)

229 skottsbergii (Fray Jorge)

248 litoralis (Zapallar)
" " (Los Vilos, Küste)
~~Pichidangui~~

263 fulvilanus (Chañaral)
" " (Esmeralda)
" " (15 km N. Taltal)
" " (östl. Taltal, unten)

151 FR Trichocereus (Forts.)
B Chile (Forts.)

265 deserticolus (östl. Sapoco (Bulla))
" " (22 km N. Sapoco)
" " (Morro Moreno)

536 spinibarbis (nördl. Grosella)
" " (30 km Nord La Serena)
" " (Huasco)
" " (Coquimbo)
" " (Gebirge S. Espinos)
" " (Unterhalb Totoral)

533 ~~megalopolis~~ serenensis (15 km O. La Serena)
" " (50 " N. Coquimbo)

555 atacamensis (Guantin)

270 glaucus (Camarada, unterstes Exemplar)
" " (Camarada, oberstes Exemplar)

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152 FR Trichocereus (Forts.)
C. Bolivien

26 terscheckii (Tomarandi)
" a pasacana v. (nördl. Colchar)
" " " (nördl. Humahuaca)
70 werdermannianus (Tupiza)

71 tarijensis v. poco (Villazón)
" " " (Inlacayo)
" " " (El Abra)
" " " (9 km nördl. Potosí)
" " " (33 km südwestl. Colcapirhua)

72 tacaquirensis (Tupiza)

73 caulescens R. (Tarija #9 von 1958)

75 camargnensis (Tupiza)

101 bridgesii (Macapaca)

109 sp. (Omisaya 2X)

327 sp. n. (Cascabel)

602 ~~tarijensis v.~~ oruruensis (Oruro)
" " " (Machacamarca)
" " " (Cerro Sinego)

602 a tarij.ª v. challapatensis (Challapata)

153 FR Trichocereus (Forts.)
C. Bolivien (Forts.)

850 tarijensis (Cienegillas #15)
" " (Escayachi)

851 totorillanus R. (Cienegillas #5)

852 sp. n. (Yamparaëz #10)

853 sp. n. (La Merced)
" " " (Rio Caras, Huata Carbaiai)
" " " (Angostura de Caripa)

854 sp. n. (Sopachuy #2)

855 sp. n. (Abstieg zum Rio Mizque #8)
" " (Aufstieg von Vargnora #27)
" " (Abstieg Totora-Chuquillas)

856 rionizquensis (Chuquillas #9);

857 sp. n. (Pte. Pilatos #1)
" " (Independencia #4)

858 sp. n. (Cascabel #8)

860 vollianus (Tomina)
" " (Fda. Rosario)
" " (Beginn Rio Huka)
" " (50 km O. Cochabamba)
" " (unterh. Layaro 3000 m)

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154 FR Trichocereus (Forts.)
b. Echinopsis (Forts.)

861 lunariensis Card (Quillacollo)
" " (oberh. Tapacari)

862 sp. n. (Paß N. Sta. Ana)

863 sp. n. (Hamparaëz #7)
" " (26 km W. Sucre)

863a sp. n. v. (Tarvita, tiefere Lagen)
" " (" , hohe Lagen)

863b ~~chrysocaeno~~ sp. n. v. (Cueva #7)

864 sp. n. (Comarapa #18)
" " (Tapiza #10)
" " (Rudolf von Marg. ~~#12~~ (Cuyaba)
" " (Capachala #4)

865 sp. n. (gegenüber Cotomayor #5)

866 ~~spachianus~~ pejopalensis (Narvaez #1)
" " " " (Typform)

~~867 sp. n. (Cajas #1)~~
~~(=616) " (Tarija #13)~~

868 sp. n. } (Tarija #10 von 1958)
= 73x616 } (hybrid. cactiflor x tenuispinus)

155 FR Trichocereus (Forts.)
b. Echinopsis (Forts.)

869 sp. n. rojazensis (Palos Blancos #18)
" " (Alto España #9)

870 sp. n. (Rio Challamarca #3)
" " (Colpana #11)

~~(871) sp. n.~~ ~~{ (Narvaez #9)~~
~~(=866.)~~

989 bertramianus (Comanche)

991 sp. n. (24 km W. Palos Blancos #3)
992 sp. n. (Yocalla) 36 km nordostl. Potosí.
995 sp. n. (24 km W. Palos Blancos #4)

1155 ~~imperialis~~ Cardenalii (Höhen über Caña Cruz)

1156 quadrati umbrinetus (12 km W. Boyuibe)

616 tenuispinus (nordöstl. Lorenz-Berge)
" " " Tarija Berge)
" " (Cajas, oben)

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156
FR

Trichocereus (Forb.)
in Bolivien (Forb.)

157
FR

Trichocereus (Forb.)
in Argentinien

17 terscheckioides R. ~~valaricensis~~ (Famatina)
" " " (31 km N. Tucumán)

26 terscheckii (Bolivia)
" " {(60 km S. Salta, Übergang zu terscheckioides)}

28 thelegonus (Bolivia)
" " (101 km S. Salta)

41 shaferi Br&R (León)

49 pasacana (jujuy) (Yazhi)
49 pasacana (Humahuaca)
49 " " (Cima von Volcan)
399 " " deminutus (Vora Tampra)
400 ~~[illegible]~~ Volcanensis (Volcan, dickere Art)

408 p. n. (13x17?) (Famatina nach Ost)
428 ~~[illegible]~~ (Cafayate (1300 m)
980 p. n. (50 km S. Jujuy)

993 terscheckioides (Cafayate)

996 p. n. (64 km W. La Puerta #3)
" " (112 " " " #2)

~~997 p. n. (112 km W. La Puerta #4)~~

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158 FR

Trichocereus (Forb.)
D. Argentinensis (Forb.)

998 andalgalensis (112 km W La Puerta # 3)
~~999 Rauscha sp.?~~ (Chamical # 18.)
~~999 13 strigosus~~
~~999 Rauscha #35~~ (13 km W. Alemania)
" " (28 " " ")
" " (37 " " ")
" 13 a) " (31 km W Belen)
" 999 " (Tinogasta)
" 999 " (97 km S. Sta. Maria)
" 13 " (Challao
" 999 " Fanatina nach Ost
" 13 a 999 Chilecito
~~999 n. Rauscha v. Longipinus (9 km S. Sta. Maria)~~

13 a
~~999 Rauscha v.?~~ (31 km O. Mazan
(Übergang zu andalgalensis Web.?)

426 a sp. (Fanatina West)
8 candicans v. robustior (Sierra Quines)
" " " (Challao)

8 a candic. v. rob.? f. rotblühend
(Fanatina Ost)

1431 spec. (112 km NW. La Puerta # 4 a)

159 FR

Trichocereus (Forb.)
D. Argentinensis (Forb.)

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160 FR

Trichocereus (Forts.)

~~Echinopsis (Forts.)~~

161 FR

Vatricania

838 guentheri (Isla Margarita)

Weberocereus

129 ~~fasciculatus~~ weberbauerii (Arequipa)

129a " v. horridispinus (oberh. Convento)

129b ~~fasciculatus~~ weberbauerii v. horridispinus (Cerro Negro)

129a x 154 hybr. Quicacha

154 vaupelii (Lol de Oro)

" " (Zw. Huancané u. Tiorapo)

165 winterianus (Cerro Curzunday)

" " (Zw. Somne u. Otuzo)

188 cephalomacrostibas (oberh. Mollendo)

" " (Atico #4)

197 aureiensis Torata

570 johnsonii (San Pablo)

" " (oberh. Cajas)

" " (w. San Miguel)

571 albus (Rehuapampa)

F cuzcoensis

656 longicomus (Rio Grisneras)

66 ~~stenopterus arborens~~ (Valle Parhpa)

66 stenoarborens (Cajamarca u. Huancabamba)

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162 FR — Weberbauerocereus (Forts.)

685 ~~sp. n.~~ churinensis (Churin)

1066 winterianus v. australis (NO Yanton)

Weingartia

370 pulquinensis (San Toidro)

372 multispina (Aiquile)

373 cintiensis (Camargo)
" " (La Cavera)
" " (Zw. Villa Abecia u. Camb. Chica)
(S. el Puente)

163 FR — Weingartia (Forts.)

373a cintiensis var. (O. Pte. San Pedro)

623 fidaiana (Torata)

811 cumingii S.-D. (Comarapa)
" " (oberh. Mataral)

811a cumingii v. (Saipina)

812 sp. n. (Aniroga)

(nur Sämlinge nach der Angabe des Züchters vorhanden)
~~812a " " v. (Catarina)~~

~~813 ~~[illegible]~~~ (Pte. Arce #15)

~~814 ~~[illegible]~~ (Chuquichuqui)
" " " (Weg nach Totora mayor)
~~" " " (Capajtala #19)~~
~~" × 370 " × [illegible] (Arce)~~
~~" × 813 " × sp. n. (Pte. Arce #14 + #15)~~

815 longigibba (Pte. Arce #16)

816 sp. n. (Capajtala #16)

817 lediniana cf. (Millares) (2x)
" " (Pte. Arce)
" " (unterh. Chuqo)

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164 FR. Weingartia (Forst.)

818 westii (Chancaqui) (Culpina Süd)

953 sucrensis (Straße nach Sucre 2600 m)

954 gracilispina (Rio Blico)

1081 sp. n. (unterh. Capajtala # 19);

1083 x 814 sp. n.? x Pat. (Perez)

1102 sp. nov. (Mal Paso)

165 FR. Willmattea

312 minutiflora ch. (unterh. Jaen) (Magdalena Llarena)

Hildewintera

846 aureispina (Agua Clara)

Yungasocereus

332 (Inquisivi)

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166

FR

Arrojadoa

1241 rhodantha (Guanambi)
" " (Arariquina)
1241a " var. (Urandi #5)
1242 penicillata (Jaguararí)
1242a " v. decumbens (Jacú)
(Cocos)

1243 spec. nov. (Brejinho)
1244 spec. nov. (15 nördl. Caitité) (Urandi #17.)
1335 medinensis (Itaobim)

Stephanocereus

1227 leucostele (Jacú)

167

Pilosocereus (Fortsetzung von S. 109

1220 catingicola (Petrolina)
(pernambucensis var.)
1221 pentaedrophorus (Jaguararí)
1222 catingicola (Jaguararí)
1223 pachycladus (Urandi #9)
" " (Monte Azul)
1224 splendidus (Urandi #11)
(Monte Azul #2)
1225 ~~[illegible]~~ (Caitité) (Palma de Monte Alto #7.)
1343a ~~[illegible]~~ (Serra Geral de Goiás)
1226 ~~[illegible]~~ (Monte Azul #10)

1260 arrábidae (Arraial do Cabo #3)
1261 ulei (Arraial do Cabo #4)
(sagittalis var.)
959 ~~Diamantin-~~ Gouveia Diamantina
" " (Conceição)
960 a ~~[illegible]~~
1343 b ~~[illegible]~~ (15 km n. Caitité)
~~1244 splendidus~~
1325 aurilanatus Joaq. Felício
1326 coerulescens Alto Salacio
1342 quadricostatus nördl. Pedro Parsin
1343 ~~[illegible]~~ (Ourives #2)
1344 robustus (Ourives #16)

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168 Pilosocer (Forti)

1345 supremus (Haolin #5)
" " (Sudl. Agua Verm.²)
1345 × 1342 supremus × quadric. (n. Ag. Verm.)
1346 multicostatus (Haolin #12)
1347 superbus (Anacé #4)
1348 spec. (Anacé #9)
1349 atrocastanopinus (Anacé #8)
1359 brittei ~~spec.~~ (Joaquim Felicio #4)
1360 brasiliensis (Km 4 3/2 ob. Niterói)

169

Arthrocereus

~~1232 spec. nov. (Monte Azul)~~
1258 campos-portoi (Belo Horizonte)
1355 ~~spec.~~ gaucus Joaquim Felicio
1354 spec. Veraneio Hotel

Leocereus

1231 ~~bahiensis~~ wendlandii Sch. von Urandi
" [fell.] (~~Monte Azul~~)
~~1231~~ 1470 bahiensis cf. (10 Km nörd. Anacé)

gen. nov. Floribunda,
1232 ~~fusiliflora~~ ~~spec. nov.~~ (Monte Azul)

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170

Brevilicereus.

1239 phaeacanthus (Urandi)
" " (Caitité)
" " (Rui Barbosa)
1337 minensis (Itaobim)

Coleocephalocereus F

~~1237 pluricostatus (Palma de Alto)~~
1234 pachystele Ritt. (Urandi)
" " " (Guanambi)
" " (Braço de Hitna)
" " (Oliveira)
1262 fluminensis (Itaiul do Cabo)
1339 flavisetus (sudl. Leg. Caldas)
1340 decumbens (Padre Paraiso)
1340 x 1347 decumb. x Pilos. supremus (Padre Paz)
1341 aureus (Itajobim)
1352 paulensis (Itabela)

Zehntnerella

1228 polygonia (Flamengo # 12)
1229 chaetacantha (Guanambi # 7)
1229a " v. monteallensis (Palma de Monte Alto # 8)

F Coleocephal. (Forts.)
1440 brevicylindricus.

171

Mirabella

1237 albicaulis (Flamengo # 14)
" " (Palma de Monte Alto # 11)
1236 " var. pauensis Ritt. (Gabriano)
1238 sp. n. (Mirabela)
" " " (15 km W. Agua Boa)

Jacinga

1256 furcalis (Jaguarari + Caitité)
" " (Itinacu)
" " (Brejinho)

~~Gen. nov.~~
~~1270 sp. n. (Toropó)~~

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172 Wigginsia Dort.

~~Malacocarpus~~

1273 ~~lenticularis~~ polycephala (Arroio do Retos)
1147 correntii (Hd. Tão Gabriel)
1272 ~~leporinus var. Macrosperm.~~ (Itapoã)
1384 sellowii var. Guarai (Guaracatta)
" sellowii (Weg nach Seival)
1402 " " (Quarita)
1403 a longispina (westl. Lavras)

(Pseudo)

~~Acanthocereus~~

1230 brasiliensis (Jaguarari)
1338 spec. (Itaobim)

173 Cerocephalus.

~~Cephalocereus~~

1211 dybowskii (Flamengo)
~~1212 spec. nov. (Jacobina)~~
~~1213 microanthus (Brejinho)~~
~~1214 spec. nov. (Monteazul)~~
~~1416 spec. nov. (Licinio Almeida)~~

~~Lagenocereus~~

1233 lützelburgii (Jacobina)

~~Micranthocereus~~

1482 ~~spec. nov. (Monteazul)~~
1213 polyanthus (Brejinho)
1328 multangularis (10 km n. Ituaçu)
1329 purpureus (Serra de Lincoln)
1329 x 1221 " x Pilosocereus pentaedr. (")
1214 monteazulensis (Mont. Azul)
1212 spec. n. (Jacobina)
1416 spec. nov. (Licinio Almeida)

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174
FR Epiphyllum (Forbron S. 48

1192 spec. (Cerro Pelado, unten)
1419 spec. nov. (Hth. Balsas, 1100 m)

Echinocereus pectinatus
~~Echin. novum~~ (ist importiert)
~~1311 sp. n.~~ Berge über Salta

Matuc ~~Echinocereus~~ Lucaia (siehe Matucana)
1310 ~~aureiflora~~ sp. n. (Barrio del Luca)

~~Gen. nov.?~~ ist importiert
~~1314 sp. n.~~ (Cerro ~~Pelado~~)

175
FR ~~Gen. nov.?~~ Thrixanthocereus × Matucana
~~1315 sp. n. (zwischen Cerro Pelado~~

Lipocereus
1327 pleurocarpus (Alto Palacio)
1013 minensis (Dramantina)
" " (Gouvêa)

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176 FR Notocactus (Forts. von S. 95.)
1266 ~~Arrousei~~ (Mt. Lopanchim)
~~1267 b. leninghaus var. (Rincón Berg)~~

1376 Notoglanciens (w. Sh. Santiago #5)
1379 a. ~~[illegible]~~ (Stern w. São Francisco)
1379 b. ~~[illegible]~~ (12 km w. Livramento) als Typus weggegeben
1381 uncinatus v. flavispinus (Cerro Branco #5)
1382 mammulosus (w. C. Branca, km 23)
1387 herteri (Livramento)
1380 megapot. v. horst. (Tres Pontes)
" " " " (Malacobra)
1380 a " v. vulg. (36 km w. Julio de Castro)
" " " " " (Usina São Pedro)
" " " " " (14 km s. Arevedo)
" " " " " (Barragem de Jaguarão)
1398 campestrensis (Campestre)
[1027 b. arechavei v. burnetii (Terrinha) als Typus weggegeben]
1393 scopa var. (Rincón de Segredo)
1361 tenuicylindricus R. (Chelbegs w. Passo Kalguarda w. Quarai)
ohne N. kleine von Segredo (Pinches)
" " caespitosus H. U. 92 Uruguay.

177 FR
1487 Notoc. spec. Fr. São Gabriel (Cerro do Ouro)
1455 Notoc. permutatus

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178 Melocactus (Forts.) von S. 88

~~macracanthus longispinus~~

1210 ~~sp.~~ (Stabbin #9)

" " (Ourives #15)

" " (10 km n. Itucu)

" " (Riacho de N. Ana)

1330 ~~macrospinus~~ (Manjas Reunidas)

1331 permutabilis Brunado

" " ~~Ourives #20~~ (nur in Pflanzung)

" " Itucu

1332 ~~sp.~~ 10 km n. Itucu #5 (var. zu 1334)

" " " Ourives #19 (var. zu 1334)

1333 albicens Ourives #10.

1334 neglectus Itucu

" neglectus Stabbin #8

1335 ~~[illegible]~~ westl. von Ouro

~~1336 [illegible]~~ Almeida (ungenügend)

~~1337~~ neglectus var. Brejinho.

~~1338~~

~~1339 neglectus Ourives #13~~ [is 1209b]

1209b macrodiscus var. nov. oder eigne Art. Ourives #20.

179 Brasilicereus

1204a ~~[illegible]~~ bruneckeri f. conjungens östl. Jairchas.

1401 sp. Serra Bom Jesus und Rio Selotes.

1278 bruneckeri fehlt

1204a bruneckeri f. conjungens

1401a sp. Bonjardim da Serra (Herbar-gelegt)

1277 brevihamatus

[1284 ~~[illegible]~~ bruneckeri var. Lambara 3-4 km hinter Ab. Herbartyp weggegeben]

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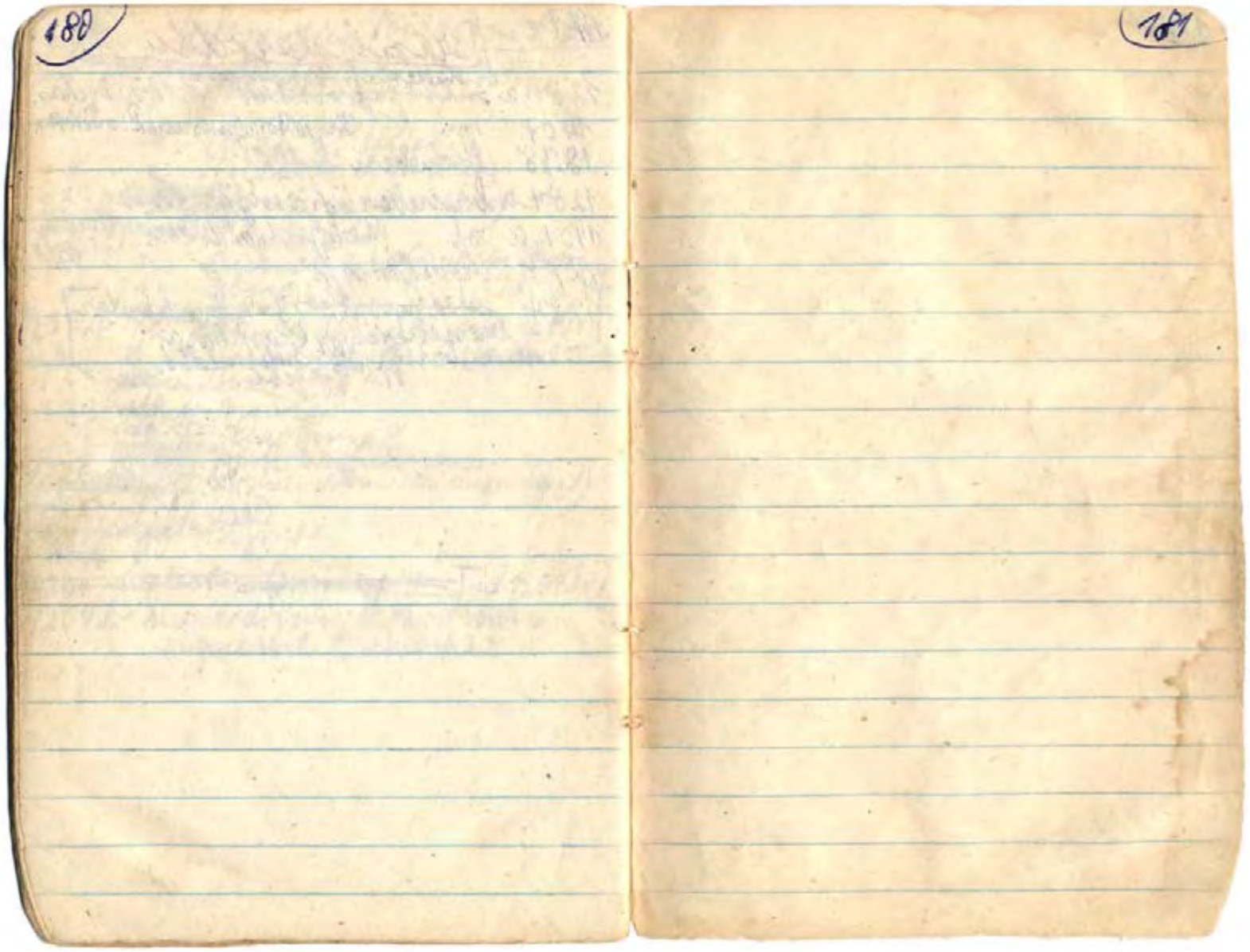

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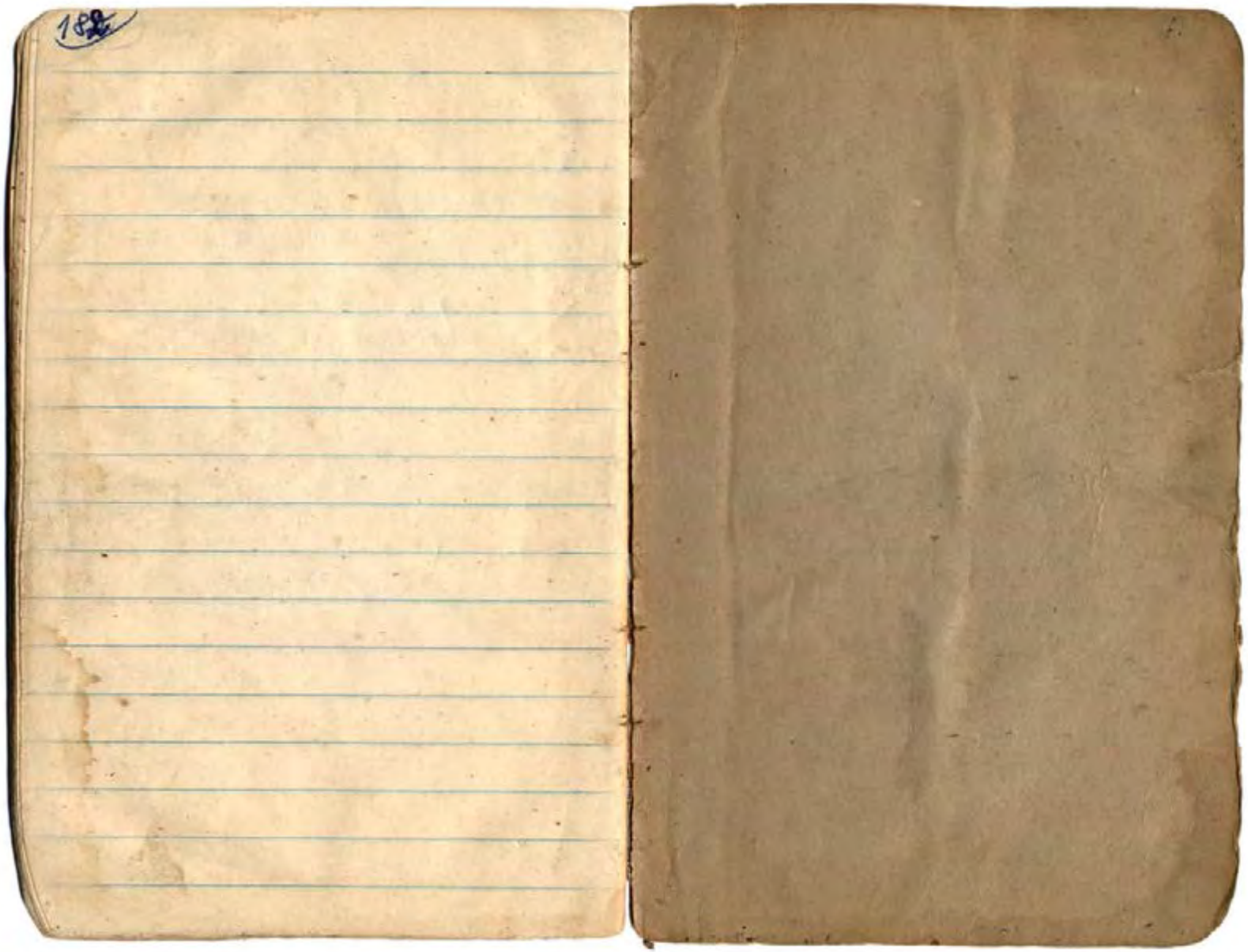

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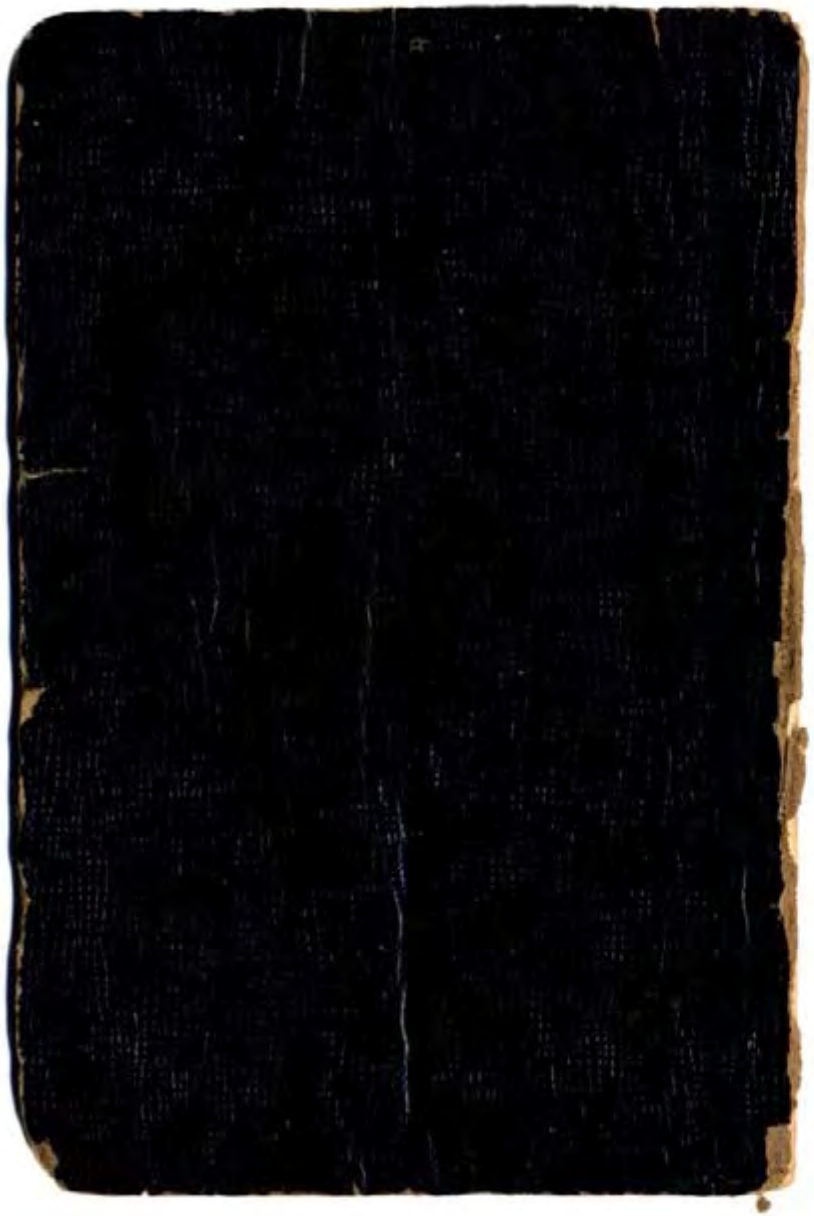

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