

## INDEX

- Abronia Jussieu, 136  
 umbellata Lamarck, 136  
 'Grandiflora', 136
- Acanthocalycium aurantiacum* Rausch, 250  
*chionanthum* (Spegazzini) Backeberg, 250  
*glaucum* Ritter, 250  
*klimpelianum* (Weidlich & Werdermann)  
 Backeberg, 250  
*peitscherianum* Backeberg, 250  
*spiniflorum* (Schumann) Backeberg, 250  
*thionanthum* (Spegazzini) Backeberg, 250  
*variiflorum* Backeberg, 250  
*violaceum* (Werdermann) Backeberg, 250
- Acanthocereus* (Berger) Britton & Rose, 221  
*pentagonus* (Linnaeus) Britton & Rose, 221  
*tetragonus* (Linnaeus) Hummelinck, 221
- Acanthobivia tegeleriana* (Backeberg) Backeberg,  
 254
- Aceranthus diphyllus* Morren & Decaisne, 413
- Acharagma (Taylor) Glass, 298  
 roseanum (Boedeker) Anderson, 298
- Achlys de Candolle, 415  
 californica Fukuda & Baker, 415  
 triphylla (Smith) de Candolle, 415
- Aconitum Linnaeus, 355–358  
 amplexicaule Lauener, 358  
 anthora Linnaeus, 356  
*bicolor* Schultes, 358  
*californicum* misapplied, 358  
 × *cammarum* Linnaeus, 358  
*carmichaelii* Debeaux, 358  
*firmum* Reichenbach, 356  
*fisheri* Forbes & Hemsley, 358  
*fisheri* Reichenbach, 358  
*hemsleyanum* Pritzell, 358  
*henryi* Pritzell, 358  
*lamarckii* Reichenbach, 356  
*lycoctonum* Linnaeus, 356  
 subsp. *lycoctonum*, 356  
 subsp. *moldavicum* (Hacquet) Jalas, 356  
 subsp. *neapolitanum* (Tenore) Nyman,  
 356  
 subsp. *vulparia* (Reichenbach) Schinz & Keller,  
 356  
*moldavicum* Hacquet, 356  
*napellus* Linnaeus, 356, 358  
*orientalis* Miller, 356  
*paniculatum* Lamarck, 358  
*pyramidale* Miller, 356  
*pyrenaicum* Linnaeus, 356  
*septentrionale* Koelle, 356  
 × *stoerckianum* Reichenbach, 358  
*tauricum* Wulfen, 356  
*uncinatum* Linnaeus, 358
- variegatum Linnaeus, 358  
 vilmorinianum Komarov, 358  
*volubile* misapplied, 358  
*volubile* Pallas, 358  
*vulparia* Reichenbach, 356
- Aconogonon campanulatum* (Hooker) Hara, 131  
*molle* (Don) Hara, 131  
*polystachyum* (Meissner) Haraldson, 131  
*weyrichii* (Schmidt) Hara, 131
- Acrodon Brown, 143  
 bellidiflorus (Linnaeus) Brown, 143
- Actaea Linnaeus, 344–345  
 acuminata Royle, 345  
 alba (Linnaeus) Miller, 345  
 forma *rubrocarpa* (Killip) Fernald, 345  
*alba* Mackenzie & Rydberg, 345  
*arguta* Nuttall, 345  
 asiatica Hara, 345  
*eburnea* Rydberg, 345  
*erythrocarpa* Fischer, 345  
*neglecta* Gillman, 345  
*nigra* Gaertner, 345  
*pachypoda* Elliot, 345  
*rubra* (Aiton) Willdenow, 345  
 forma *neglecta* (Gillman) Robinson, 345  
 subsp. *arguta* (Nuttall) Hultén, 345  
*spicata* Linnaeus, 345  
 var. *acuminata* (Royle) Hara, 345  
 var. *alba* Linnaeus, 345  
 var. *rubra* Aiton, 345
- Actinidia Lindley, 453–454  
*arguta* (Siebold & Zuccarini) Miquel,  
 453–454  
 var. *cordifolia* (Miquel) Dunn, 453  
 var. *purpurea* (Rehder) Liang, 454  
 var. *rufa* (Siebold & Zuccarini)  
 Maximowicz, 453
- callosa Lindley, 454  
 chinensis Planchon, 454  
 var. *deliciosa* (Chevalier) Chevalier, 454  
 var. *hispidula* Liang, 454
- deliciosa* (Chevalier) Liang & Ferguson, 454  
 'Bruno', 454  
 'Hayward', 454  
 'Matua', 454  
 'Tomuri', 454  
 var. *deliciosa*, 454
- girdalii* Diels, 454  
 kolomikta (Maximowicz & Ruprecht)  
 Maximowicz, 454  
 var. *gagnepainii* (Nakai) Li, 454  
 var. *kolomikta*, 454  
*latifolia* Merrill var. *deliciosa* Chevalier, 454  
 melanandra Franchet, 454
- polygama* (Siebold & Zuccarini) Maximowicz,  
 454  
 var. *lecomtei* (Nakai) Li, 454  
 var. *polygama*, 454  
*polygama* misapplied, 453  
*purpurea* Rehder, 454  
*volubilis* misapplied, 453  
*volubilis* (Siebold & Zuccarini) Miquel, 454
- Actinidiaceae, 453–455
- Adlumia de Candolle, 537  
 fungosa (Aiton) Britton, Sterns & Poggenburg,  
 537
- Adonis Linnaeus, 387–389  
 aestivalis Linnaeus, 388  
 aleppica Boissier, 388  
 amurensis Regel & Radde, 388  
 annua Linnaeus, 388  
*autumnalis* Linnaeus, 388  
*chrysocyathus* Hooker & Thomson, 388  
*flammea* Jacquin, 387–388  
*pyrenaica* de Candolle, 388  
*vernalis* Linnaeus, 388  
*volgensis* Steven, 388
- Aerva Forsskål, 207–208  
*sanguinea* Anon., 208  
*sanguinolenta* Blume, 208  
*scandens* (Roxburgh) Wallich, 208  
 forma *sanguinea* Standley, 208
- Aethionema R. Brown, 575–576  
 armenum Boissier, 576  
 'Warley Rose', 576  
*bourgaei* Boissier, 576  
*cardiophyllum* Boissier & Heldreich, 575  
*chlorifolium* (Sibthorp & Smith) de Candolle,  
 576  
*cordatum* (Desfontaines) Boissier, 575  
*coridifolium* de Candolle, 576  
*creticum* Boissier & Heldreich, 576  
*diastrophis* Bunge, 576  
*gracile* de Candolle, 576  
*graecum* Boissier & Spruner, 576  
*grandiflorum* Boissier & Hohenacker, 576  
*iberideum* (Boissier) Boissier, 576  
*jucundum* misapplied, 576  
*koenigii* Woronow, 575  
*kotschyi* misapplied, 576  
*lacerum* Boissier & Balansa, 575  
*oppositifolium* (Persoon) Hedge, 576  
*ovalifolium* (de Candolle) Boissier, 576  
*ovalifolium* misapplied, 576  
*pulchellum* Boissier & Huet, 576  
*recurvum* Haussknecht & Bornmuller, 576  
*rotundifolia* misapplied, 576  
*saxatile* (Linnaeus) R. Brown, 576

- Aethionema R. Brown (*continued*)  
 subsp. creticum (Boissier & Heldreich) I.A. Anderson et al, 576  
 subsp. graecum (Boissier & Spruner) Hayek, 576  
 subsp. ovalifolium (de Candolle) Nyman, 576  
 subsp. saxatile, 576  
 schistosum Boissier & Kotschy, 576  
 stylosum de Candolle, 575–576  
 theodorum misapplied, 576  
 thomasinianum Gray, 576  
 trinervium (de Candolle) Boissier, 576
- Agrostemma Linnaeus, 188  
*coeli-rosa* Linnaeus, 187  
*coronaria* Linnaeus, 187  
*flos-jovis* Linnaeus, 187  
 githago Linnaeus, 188
- Aizoaceae, 137–176
- Akebia Decaisne, 420  
*lobata* Decaisne, 420  
 quinata (Houttuyn) Decaisne, 420  
 × pentaphylla (Makino) Makino, 420  
 trifoliata (Thunberg) Koidzumi, 420
- Aldrovanda Linnaeus, 515  
 vesiculosa Linnaeus, 515
- Alliaria Scopoli, 550  
 petiolata (Bieberstein) Cavara & Grande, 550
- Allocauarina littoralis* (Salisbury) Johnson, 15  
*torulosa* (Aiton) Johnson, 15  
*verticillata* (Lamarck) Johnson, 15
- Alluaudia Drake, 318  
 ascendens (Drake) Drake, 318  
 comosa Drake, 318  
 dumosa Drake, 318  
 humbertii Choux, 318  
 montagnacii Rauh, 318  
 procera (Drake) Drake, 318
- Alluaudiopsis Humbert & Choux, 317  
 fiherenensis Humbert & Choux, 317  
 marnieriana Rauh, 317
- Alnus Miller, 45–49  
 cordata Desfontaines, 49  
*cordifolia* Tenore, 49  
 firma Siebold & Zuccarini, 47  
 var. *multinervis* Regel, 47  
 glutinosa (Linnaeus) Gaertner, 48  
 'Aurea', 48  
 'Pyramidalis', 48  
 hirsuta (Spach) Ruprecht, 48  
 var. *sibirica* (Spach) Schneider, 48  
 incana (Linnaeus) Moench, 48  
 'Ramulis Coccineis', 48  
 var. *hirsuta* Spach, 48  
 japonica (Thunberg) Steudel, 48  
 maritima (Marshall) Nuttall, 49  
 maximowiczii Callier, 49  
 nepalensis Don, 49  
 nitida (Spach) Endlicher, 48–49  
*oregona* Nuttall, 48  
 pendula Matsumura, 47–48  
 rubra Bongard, 48  
 rugosa (Duroi) Sprengel, 48  
 var. *serrulata* Aiton, 48  
*serrulata* (Aiton) Willdenow, 48  
 sieboldiana Matsumura, 47  
 sinuata (Regel) Rydberg, 47  
*sitchensis* Sargent, 47  
 × *spaethii* Callier, 48  
 subcordata Meyer, 49  
 subgenus *Alnobetula* (Ehrhart) Persoon, 47  
 subgenus *Alnus*, 48  
 viridis (Chaix) de Candolle, 47  
 subsp. *crispa* (Aiton) Turrill, 47
- Aloinopsis Schwantes, 156–157  
 jamesii Bolus, 157  
 luckhoffii (Bolus) Bolus, 157  
 malherbei (Bolus) Bolus, 156–157  
 peersii (Bolus) Bolus, 156  
 rubrolineata (Brown) Schwantes, 157  
 setifera (Bolus) Bolus, 157  
 spatulata (Thunberg) Bolus, 157  
 villetii (Bolus) Bolus, 157
- Alsine aretoides* (Sommerauer) Mertens & Koch, 199  
*cherleri* Fenzl, 200  
*graminifolia* Vitman, 199  
*laricifolia* (Linnaeus) Crantz, 200  
*octandra* (Sieber) Kerner, 199  
*recurva* (Allioni) Wahlenberg, 199  
*sedoides* (Linnaeus) Kittel, 200  
*verna* (Linnaeus) Wahlenberg, 199
- Alternanthera Forsskål, 208  
*amoena* (Lemaire) Voss, 208  
*betzickiana* (Regel) Nicholson, 208  
 ficoidea (Linnaeus) Roemer & Schultes, 208  
 'Amoena', 208  
 'Betzickiana', 208  
 'Versicolor', 208  
*versicolor* (Lemaire) Seubert, 208
- Alyssoides Miller, 562  
 cretica (Linnaeus) Medicus, 562  
*graca* (Reuter) Jávorka, 562  
 utriculata (Linnaeus) Medicus, 562
- Alyssum Linnaeus, 562–566  
 alpestre Linnaeus, 566  
*arduini* Fritsch, 567  
*argenteum* misapplied, 566  
*atlanticum* Desfontaines, 566  
*clypeata* Linnaeus, 562  
*corymbosum* (Grisebach) Boissier, 567  
 creticum Linnaeus, 562  
 cuneifolium Tenore, 566  
*edentulum* Waldstein & Kitaibel, 567  
*gemonense* Linnaeus, 567  
*halimifolium* misapplied, 565  
 idaeum Boissier & Heldreich, 566  
*lagascae* misapplied, 565  
 lapeyrousianum Jordan, 565  
 ligusticum Breistroffer, 565  
 longicaule Boissier, 565  
*maritimum* Linnaeus, 567  
 moellendorffianum G. Beck, 566  
 montanum Linnaeus, 566  
 murale Waldstein & Kitaibel, 566  
*orientale* Arduino, 567  
 oviense Kerner, 566  
*petraeum* Arduino, 567  
*podolicum* Besser, 568  
 pulvinare Velenovský, 566  
 purpureum Lagasca & Rodriguez, 565  
 pyrenaicum Picot de Lapeyrouse, 565  
 repens Baumgarten, 565  
 reverchonii (Degen & Hervier) Greuter & Burdet, 565  
*rostratum* misapplied, 566  
*rupestre* Tenore, 567  
*saxatile* Linnaeus, 567  
 serpyllifolium Desfontaines, 566  
*sinuatum* Linnaeus, 567  
*speciosum* Pomel, 566  
 spinosum Linnaeus, 565  
 stribnyi Velenovský, 566  
*transilvanicum* misapplied, 565  
*trichostachyum* Ruprecht, 565  
*vesicaria* Linnaeus, 573  
 wierbeckii Heuffel, 566  
 wulfenianum Bernhardt, 565
- Amaranthaceae, 206–209
- Amaranthus Linnaeus, 206–207  
*chlorostachys* Linnaeus, 207  
 caudatus Linnaeus, 207  
 cruentus Linnaeus, 207  
*gangeticus* Linnaeus, 207  
 hybridus Linnaeus, 207  
 subsp. *incurvatus* var. *cruentus* (Linnaeus) Mansfeld, 207  
 hypochondriacus Linnaeus, 207  
*melancholicus* Linnaeus, 207  
*paniculatus* Linnaeus, 207  
 retroflexus Linnaeus, 207  
*salicifolius* Veitch, 207  
 tricolor Linnaeus, 207  
 var. *salicifolius* (Veitch) Aellen, 207  
 'Splendens', 207
- Amphibolia Bolus, 175  
 littlewoodii (Bolus) Bolus, 175
- Anabasis Linnaeus, 205–206  
 aphylla Linnaeus, 205–206
- Anacampteros Linnaeus, 179–180  
 albissima Marloth, 180  
 alstonii Schonland, 180  
 arachnoides Sims, 180  
 buderiana von Poellnitz, 180  
 densifolia Dinter, 180  
 dinteri Schinz, 180  
 filamentosa Sims, 180  
 papyracea Sonder, 180  
 quinaria Sonder, 180  
 rufescens de Candolle, 180  
 Subgenus *Anacampteros*, 179  
 Subgenus *Avonia* Meyer, 179  
 Subgenus *Telephiastrum* Dillenius, 179  
 telephiastrum de Candolle, 180
- Anamirta Colebrook, 421  
 cocculus (Linnaeus) Wight & Arnott, 421  
*paniculata* Colebrook, 421
- Anastatica Linnaeus, 554–555  
 heirochuntica Linnaeus, 555
- Ancistrocactus brevipilatus* (Engelmann) Britton & Rose, 282  
*crassihamatus* (Weber) Benson, 282  
*megarhizus* (Rose) Britton & Rose, 282  
*scheeri* (Salm-Dyck) Britton & Rose, 282  
*uncinatus* (Galeotti) Benson, 282
- Androsaemum cambessedesii* Nyman invalid, 485  
*hircinum* (Linnaeus) Spach, 484

- officinale* Allioni, 484  
*parviflorum* Spach, 484  
*pyramidale* invalid, 484  
*vulgare* Gaertner, 484  
*webbianum* Spach, 484  
*xylosteifolium* Spach, 485
- Anemone Linnaeus, 367–373  
*albana* Steven, 374  
*subsp. armena* (Boissier) Smirnov, 374  
*alpina* Linnaeus, 373  
*altaica* Meyer, 369–370  
*apennina* Linnaeus, 369  
 var. *albiflora* Strobl, 369  
*armena* Boissier, 374  
*baldensis* Linnaeus, 372  
*biarniensis* Juzepczuk, 373  
*biflora* de Candolle, 371  
*blanda* Schott & Kotschy, 370  
 ‘*Atrocaerulea*’, 370  
 ‘*Charmer*’, 370  
 ‘*Ingramii*’, 370  
 ‘*Radar*’, 370  
 ‘*Scythinica*’, 370  
 ‘*White Splendour*’, 370  
 var. *parvula* de Candolle, 370  
*bucharica* Finet & Gagnepain, 371  
*canadensis* Linnaeus, 372  
*caucasica* Ruprecht, 370  
*coronaria* Linnaeus, 370  
 De Caen group, 370  
 St Brigid group, 370  
 var. *alba* (Goaty & Pons) Burnat, 370  
 var. *coccinea* (Gordon) Burnat, 370  
 var. *coronaria*, 370  
 var. *cyanea* (Risso) Arduino, 370  
 var. *rosea* (Henry) Rouy & Foucaud, 370  
*cylindrica* Gray, 372  
*demissa* Hooker & Thomson, 372  
*dichotoma* Linnaeus, 369  
 × *elegans* Decaisne, 372  
*eranthoides* Regel, 371  
*fasciulate* Linnaeus, 372  
*flaccida* Schmidt, 369  
 × *fulgens* Gay, 370–371  
 ‘*Annulata Grandiflora*’, 371  
 ‘*Multipetala*’, 371  
 St Bavo Group, 367, 371  
*globosa* Pritzel, 372  
*gortschakowii* Karelin & Kirilov, 371  
*heldreichiana* (Boissier) Gandoger, 370  
*hepatica* Linnaeus, 375  
*hirsutissima* (Britton) Macmillan, 375  
*hortensis* Linnaeus, 370  
*hudsoniana* Richardson, 372  
*hupehensis* Lemoine, 371  
 var. *japonica* (Thunberg) Bowles & Stearn, 371  
 × *hybrida* Paxton, 372  
 ‘*Honorine Jobert*’, 372  
 × *intermedia* Winkler, 369  
*keiskeana* Ito, 369  
 × *lesseri* Wehrhahn, 372  
 × *lipsiensis* Beck, 369  
*ludoviciana* de Candolle, 375  
*magellanica* in gardens, 372  
*montana* Hoppe, 374  
*multifida* Poiret, 372  
*narcissiflora* Linnaeus, 372–373  
*memorosa* Linnaeus, 369  
 ‘*Alboplena*’, 369  
 ‘*Allenii*’, 369  
 ‘*Bracteata*’, 369  
 ‘*Leeds Variety*’, 369  
 ‘*Lismore Pink*’, 369  
 ‘*Robinsoniana*’, 369  
 ‘*Vestal*’, 369  
*nipponica* Merrill, 371  
*nuttalliana* de Candolle, 375  
*nuttallii* Nuttall, 375  
*obtusiloba* Don, 373  
*occidentalis* Watson, 374  
*palmata* Linnaeus, 370,  
*patens* Linnaeus, 375  
 subsp. *hirsutissima* (Britton) Zamels, 375  
 var. *nuttalliana* (de Candolle) Gray, 375  
*pavonina* Lamarck, 370–371  
 var. *ocellata* (Moggridge) Bowles & Stearn, 370  
 var. *purpureo-violacea* (Boissier) Halacsy, 370  
*petiolulosa* Juzepczuk, 371  
*polyanthes* Don, 373  
*pratensis* Linnaeus, 374  
*pulsatilla* Linnaeus, 374  
*raddeana* Regel, 370  
*ranunculoides* Linnaeus, 369  
 ‘*Flore Pleno*’, 369  
 ‘*Grandiflora*’, 369  
 ‘*Pleniflora*’, 369  
*rivularis* de Candolle, 373  
*rupicola* Cambessedes, 372  
 × *seemannii* Camus, 369  
*stellata* Lamarck, 370  
 var. *heldreichii* Boissier, 370  
*sylvestris* Linnaeus, 372  
 ‘*Flore Pleno*’, 372  
 ‘*Macrantha*’, 372  
*tetrasepala* Royle, 372  
*thalictroides* Linnaeus, 367  
*tomentosa* (Maximowicz) P’ei, 371  
*transsilvanica* (Fuss) Heuffel, 375  
*trifolia* Linnaeus, 369  
 subsp. *albida* (Matiz) Tutin, 369  
 subsp. *trifolia*, 369  
*trullifolia* Hooker & Thomson, 373  
*tschernjaewii* Regel, 371  
*vernalis* Linnaeus, 374  
*virginiana* Linnaeus, 372  
*vitifolia* de Candolle, 371  
*vitifolia* misapplied, 371  
 ‘*Robustissima*’, 371  
*wolfgangiana* Besser, 375  
*zephyra* Nelson, 373
- Anemoneella Spach, 367  
*thalictroides* (Linnaeus) Spach, 367
- Anemonopsis Siebold & Zuccarini, 353  
*macrophylla* Siebold & Zuccarini, 353
- Anemopsis Hooker, 429  
*californica* Hooker, 429
- Anhalonium *kotschoubeyanum* Lemaire, 289  
*trigonum* Weber, 290
- Annona Linnaeus, 331–332  
*cherimola* Miller, 331–332  
 ‘*Booth*’, 332  
*glabra* Linnaeus, 331  
*muricata* Linnaeus, 331  
*reticulata* Linnaeus, 332  
*squamosa* Linnaeus, 331
- Annonaceae, 331–333
- Anredera Jussieu, 182  
*cordifolia* (Tenore) van Steenis, 182
- Antegibbaeum Schwantes, 167  
*fissoides* (Haworth) Schwantes, 167
- Antidesma *scandens* Loureiro, 103
- Antigonon Endlicher, 132  
*leptopus* Hooker & Arnott, 132  
 ‘*Album*’, 132
- Aporocactus *conzattii* Britton & Rose, 231  
*flagelliformis* (Linnaeus) Lemaire, 231  
*flagriformis* (Pfeiffer) Britton & Rose, 231  
*leptophis* (de Candolle) Britton & Rose, 231  
*martianus* (Zuccarini) Britton & Rose, 231
- Aptenia Brown, 140  
*cordifolia* Brown, 140  
 ‘*Variegata*’, 140
- Aquilegia Linnaeus, 349–353  
*akitensis* Huth, 351  
*alpina* Linnaeus, 351  
 ‘*Alba*’, 351  
 ‘*Atroviolacea*’, 351  
*amaliae* Boissier, 350  
*amurensis* misapplied, 350  
*atrata* Koch, 350  
*atroviolacea* Beck, 350  
*baicalensis*, 350  
*beata* Rapaics, 351  
*bertolonii* Schott, 351  
*buergeriana* Siebold & Zuccarini, 352  
*caerulea* James, 351  
*canadensis* Linnaeus, 352  
*chrysantha* Gray, 352  
*clemataquila*, 350  
*discolor* Levier & Leresche, 351  
*ecalcarata* Maximowicz, 349  
*einseleana* Schultz, 351–352  
*elegantula* Greene, 352  
*flabellata* Siebold & Zuccarini, 350–351  
 ‘*Nana Alba*’, 351  
 var. *pumila* Kudo, 351  
*flavescens* Watson, 352  
*formosa* Fischer, 352  
 var. *flavescens* Hooker, 352  
*fragrans* Benthham, 352  
*glandulosa* Link, 352  
*glauca* Lindley, 352  
*grata* Zimmeter, 351  
*guarensis* Losa, 351  
*japonica* Nakai & Hara, 350  
*jonesii* Parry, 351  
*lactiflora* Karelin & Kirilow, 352–353  
*longissima* Watson, 352  
*nevadensis* Boissier & Reuter, 351  
*olympica* Boissier, 350  
*oxysepala* Trautvetter & Meyer, 350  
*pyrenaica* de Candolle, 351

- Aquilegia* Linnaeus (*continued*)  
*reuteri* Boissier, 352  
*saximontana* Rydberg, 351  
*scopulorum* Tidestrom, 351  
*sibirica* Lamarck, 350  
*skinneri* Hooker, 353  
*suaveolens* Durand & Jackson, 352  
*thalictrifolia* Schott & Kotschy, 352  
*viridiflora* Pallas, 353  
*vulgaris* Linnaeus, 350  
 'Flore Plena', 350  
 'Nivea', 350  
 var. *caryophylloides*, 350  
 var. *stellata*, 350
- Arabis* Linnaeus, 558–560  
*albida* Steven, 559  
*alpina* Linnaeus, 559  
 'Aureovariegata', 560  
 'Coccinea', 559–560  
 'Flore plena', 559–560  
 'Grandiflora superba', 560  
 'Rosabella', 560  
 'Rosea', 560  
 'Variegata', 560  
 subsp. *alpina*, 559  
 subsp. *brevifolia* (de Candolle) Cullen, 559  
 subsp. *caucasica* (Willdenow) Briquet, 559
- androsacea* Fenzl, 559  
*arendsii* misapplied, 560  
*aubretioides* Boissier, 559  
*bellidifolia* Jacquin, 560  
*billardieri* de Candolle, 559  
*blepharophylla* Hooker & Arnott, 558  
*brevifolia* de Candolle, 559  
*bryoides* Boissier, 559  
*caerulea* (Allioni) Haenke, 559  
*carduchorum* Boissier, 559  
*caucasica* Willdenow, 559  
*collina* Tenore, 558–559  
*cypria* Holmboe, 560  
*ferdinand-coburgii* J. Kellerer & Sündermann, 559  
*flavescens* Weltot, 559  
*jacquinii* G. Beck, 560  
*japonica* (A. Gray) A. Gray, 558  
 × *kelleri* Sündermann, 559  
*lucida* misapplied, 559  
*mollis* misapplied, 559  
*muralis* Bertoloni, 558  
*praecox* misapplied, 559  
*procurens* Waldstein & Kitaibel, 559  
*pumila* Jacquin, 560  
*rosea* de Candolle, 558  
*serrata* Franchet & Savatier, 558  
*soyeri* Reuter & Huet, 560  
 subsp. *jacquinii* (G. Beck) B.M.G. Jones, 560  
*stelleri* de Candolle, 558  
 var. *japonica* (A. Gray) F. Schmidt, 558  
 × *suendermannii* Sündermann, 559  
*verna* (Linnaeus) R. Brown, 560  
*vochinensis* Sprengel, 559  
 × *wilkzekii* Sündermann, 559
- Arceuthobium* Bieberstein, 123–124  
*oxycedri* (de Candolle) Bieberstein, 123–124
- Arenaria* Linnaeus, 198–199  
*aggregata* (Linnaeus) Loiseleur, 199  
*balearica* Linnaeus, 199  
*capitata* Lamarck, 199  
*ciliata* Linnaeus, 199  
*erinacea* Boissier, 199  
*graminifolia* Schrader, 199  
*ledebouriana* Fenzl, 199  
*montana* Linnaeus, 199  
*norvegica* Gunnerus, 199  
*procera* Sprengel, 198  
*purpurascens* de Candolle, 199  
*tetraquetra* Linnaeus, 199  
*verna* Linnaeus, 199
- Arequipa hempeliana* (Guerke) Oehme, 246  
*rettigii* (Quehl) Oehme, 246  
*spinosissima* Ritter, 246  
*weingartiana* Backeberg, 246
- Argemone* Linnaeus, 521–522  
*alba* James, 522  
*grandiflora* Sweet, 5211  
*mexicana* Linnaeus, 521  
*platyceras* Link & Otto, 521  
*polyanthemos* (Fedde) Ownbey, 522
- Argyroderma* Brown, 155–156  
*aureum* Bolus, 156  
*braunsii* (Schwantes) Schwantes, 156  
*brevipes* (Schlechter) Bolus, 156  
*delaeitii* Maass, 156  
*fissum* (Haworth) Bolus, 156  
*framesii* Bolus, 156  
 subsp. *framesii*, 156  
 subsp. *hallii* (Bolus) Hartmann, 156  
*jamesii* Bolus, 156  
*luckhoffii* Bolus, 156  
*orientale* Bolus, 156  
*patens* Bolus, 156  
*pearsonii* (Brown) Schwantes, 156  
*roseum* Schwantes, 156  
*rubrolineatus* (Brown) Schwantes, 156  
*schildtii* Schwantes, 156  
*setifera* (Bolus) Bolus, 156  
*spathulata* (Thunberg) Bolus, 156  
*subalbum* (Brown) Brown, 156  
*testiculare* (Aiton) Brown, 156  
*villetii* (Bolus) Bolus, 156
- Ariocarpus* Scheidweiler, 289–290  
*agavoides* (Castaneda) Anderson, 290  
*fissuratus* (Engelmann) Schumann, 289  
 var. *lloydii* (Rose) Marshall, 289  
*furfuraceus* (Watson) Thompson, 290  
*kotschoubeyanus* (Lemaire) Schumann, 289–290  
*lloydii* Rose, 289  
*macdowellii* Marshall, 289  
*retusus* Scheidweiler, 290  
*scaphirostris* Boedeker, 290  
*trigonus* (Weber) Schumann, 290
- Aristolochia* Linnaeus, 440–442  
*altissima* Desfontaines, 441  
*baetica* Linnaeus, 441  
*brasiliensis* Martius & Zuccarini, 441  
*californica* Torrey, 441  
*chrysops* (Stapf) Hemsley, 440–441  
*ciliosa* Benthams, 441  
*clematidis* Linnaeus, 442  
*cymbifera* Martius & Zuccarini, 441  
*durior* Hill, 441  
*elegans* Masters, 441  
*fimbriata* Chamisso, 441  
*foetens* Lindley, 441  
*gigantea* Hooker, 441  
*gigas* Lindley, 441  
*grandiflora* Swartz, 441  
*labiata* Willdenow, 441  
*labiosa* Ker Gawler, 441  
*littoralis* Parodi, 441–442  
*macrophylla* Lamarck, 441  
*moupinensis* Franchet, 441  
*ornithocephala* Hooker, 441  
*ringens* Vahl, 441  
*rotunda* Linnaeus, 442  
*sempervirens* Linnaeus, 441  
*sipho* L'Héritier, 441  
*tomentosa* Sims, 441
- Aristolochiaceae, 439–442
- Armatocereus* Backeberg, 221  
*cartwrightianus* (Britton & Rose) Backeberg, 221  
*laetus* (Kunth) Backeberg, 221  
*matucanensis* Backeberg, 221
- Armoracia* Gaertner, Meyer & Scherbius, 555–556  
*lapathifolium* misapplied, 555  
*rusticana* Gaertner, Meyer & Scherbius, 555–556
- Arrojadoa* Britton & Rose, 238–239  
*penicillata* (Guerke) Britton & Rose, 239  
*rhodantha* (Guerke) Britton & Rose, 238–239
- Artabotrys* Brown, 332  
*hexapetalus* (Linnaeus) Bhandari, 332  
*uncinatus* (Lamarck) Merrill, 332
- Artanathe magnifica* Linden, 438
- Arthroceres mirabilis* (Spegazzini) Marshall, 250
- Artocarpus* Forster & Forster, 88–89  
*altilis* (Parkinson) Fosberg, 88–89  
*communis* Forster & Forster, 88  
*heterophyllus* Lamarck, 89  
*incisus* Linnaeus, 88  
*integer* (Thunberg) Merrill, 89  
*integrifolius* Linnaeus, 89  
*integrifolius* misapplied, 89  
*jaca* Lamarck, 89
- Asarum* Linnaeus, 439–440  
*arifolium* Michaux, 440  
*canadense* Linnaeus, 440  
*caudatum* Lindley, 440  
*europaeum* Linnaeus, 440  
*grandiflorum* Klotzsch, 440  
*grandiflorum* Small, 440  
*hartwegii* Watson, 440  
*macranthum* (Shuttleworth) Small, 440  
*shuttleworthii* Britton & Baker, 440  
*shuttleworthii* misapplied, 440  
*virginicum* Linnaeus, 440
- Ascyrum crux-andreae* Linnaeus, 497  
*hypericoides* Linnaeus, 497  
*involutum* Labillardière, 501  
*multicaule* Willdenow, 497  
*stans* Michaux, 497  
*villosum* Linnaeus, 500

- Asimina Adanson, 332  
 triloba (Linnaeus) Dunal, 332
- Astridia Dinter & Schwantes, 144  
 dinteri Bolus, 144  
 velutina (Dinter) Dinter, 144
- Astrophytum Lemaire, 280  
 asterias (Zuccarini) Lemaire, 280  
 capricorne (Dietrich) Britton & Rose, 280  
 coahuilense (Moeller) Kayser, 280  
 crassispinum (Moeller) Haage & Sadovsky, 280  
 myriostigma Lemaire, 280  
 niveum (Kayser) Haage & Sadovsky, 280  
 ornatum (de Candolle) Britton & Rose, 280  
 senile Fric, 280  
 tulense (Kayser) Sadovsky & Schuetz, 280
- Atherosperma Labillardière, 336  
 moschatum Labillardière, 336
- Atrophaxis Linnaeus, 127–128  
 billardieri Jaubert & Spach, 128  
 frutescens (Linnaeus) Koch, 128  
 spinosa Linnaeus, 128
- Atriplex Linnaeus, 203–204  
 canescens (Pursh) Nuttall, 204  
 halimus Linnaeus, 204  
 hortensis Linnaeus, 204  
 'Cupreatorosea', 204  
 'Rubra', 204  
 var. *atrosanguinea* Bailey, 204  
 var. *rubra* Linnaeus, 204
- nummularia Lindley, 204  
 patula Linnaeus, 204
- Aubrieta Adanson, 560–561  
 antilibani misapplied, 561  
 canescens (Boissier) Bornmuller subsp. *cilicica* (Boissier) Cullen, 561  
 subsp. *macrostyla* Cullen & Huber-Morath, 561
- columnae Gussone, 560–561  
 subsp. *columnae*, 561  
 subsp. *croatica* (Schott, Nyman & Kotschy) Mattfeld, 561  
 subsp. *italica* (Boissier) Mattfeld, 561
- cultorum* misapplied, 560
- deltoidea (Linnaeus) de Candolle, 560  
 'Argentea', 560  
 'Aurea', 560  
 'Dr Mules', 560  
 'Eyrei', 560  
 'Leichtlinii', 560  
 'Monarch', 560  
 'Nana Variegata', 560  
 'Red Cascade', 560  
 'Rosea', 560  
 'Variegata', 560  
 var. *graeca* (Grisebach) Regel, 560  
 var. *intermedia* (Boissier) Baldacci, 560
- erubescens Grisebach, 561  
 gracilis Boissier, 561  
 subsp. *glabrescens* (Turrill) Akeroyd, 561  
 subsp. *gracilis*, 561  
 subsp. *scardica* (Wettstein) Phitos, 561
- graeca* Grisebach, 560  
 hybrida Haussknecht, 560  
 intermedia Boissier, 560  
 kotschyi Boissier, 561  
 libanotica Boissier, 561
- olympica Boissier, 561  
 parviflora Boissier, 561  
 pinardii Boissier, 561  
 thessala Boissier, 561
- Aulax Bergius, 112  
 cancellata (Linnaeus) Druce, 112  
*cneorifolia* Knight, 112  
 pallasia Stapf, 112  
 pinifolia Bergius, 112  
 umbellata (Thunberg) Brown, 112
- Aurinia Desvaux, 566–567  
 corymbosa Grisebach, 567  
 petraea (Arduino) Schur, 567  
 rupestris (Heynhold) Cullen & T.R. Dudley, 567  
 var. *scardicum* misapplied, 567
- saxatilis (Linnaeus) Desvaux, 567  
 'Citrina', 567  
 'Compacta', 567  
 'Dudley Neville', 567  
 'Lutea', 567  
 'Plena', 567  
 'Sulphurea', 567  
 'Variegata', 567  
 subsp. *orientalis* (Arduino) T.R. Dudley, 567
- sinuata (Linnaeus) Grisebach, 567
- Austrocephalocereus dybowskii* (Roland-Gosselin) Backeberg, 238  
*purpureus* (Guercke) Backeberg, 238
- Austrocylindropuntia Backeberg, 312  
*cylindrica* (Lamarck) Backeberg, 312  
 floccosa (Salm-Dyck) Ritter, 312  
 salmiana (Pfeiffer) Backeberg, 315  
 subulata (Muehlenpfordt) Backeberg, 312  
 subsp. *exaltata* (Berger) Hunt, 312  
 subsp. *subulata*, 312  
 verschaffeltii (Weber) Backeberg, 312  
 vestita (Salm-Dyck) Backeberg, 312
- Aztekium Boedeker, 280–281  
 ritteri (Boedeker) Boedeker, 281
- Azurocereus hertlingianus* (Backeberg) Backeberg, 235
- Backebergia militaris* (Audot) Sanchez Mejorada, 223
- Banksia Linnaeus, 118–120  
*aculeata* George, 119  
*caleyi* Brown, 119  
 canei Willis, 119  
 coccinea Brown, 119  
*elderiana* Mueller & Tate, 119  
 ericifolia Linnaeus, 119  
 grandis Willdenow, 119  
 integrifolia Linnaeus, 119  
 var. *integrifolia*, 119  
*lehmanniana* Meisner, 119  
 marginata Cavanilles, 119  
 media Brown, 119  
 nutans Brown, 119  
 occidentalis Brown, 120  
 ornata Meisner, 120  
 pilostylis Gardner, 120  
 prionotes Lindley, 120  
 quercifolia Brown, 120  
 sceptrum Meisner, 120
- serrata Linnaeus, 120  
 speciosa Brown, 120  
 spinulosa Smith, 120  
 var. *collina* (Brown) George, 120  
 var. *spinulosa*, 120
- verticillata Brown, 120
- Barbarea R. Brown, 555  
*praecox* (Smith) R. Brown, 555  
 verna (Miller) Ascherson, 555  
 vulgaris R. Brown, 555  
 'Variegata', 555
- Bartschella schumannii* (Hildmann) Britton & Rose, 304
- Basella Linnaeus, 182  
 alba Linnaeus, 182  
 rubra Linnaeus, 182  
 tuberosa (Caldas) Humboldt, Bonpland & Knuth, 182
- Basellaceae, 181–182
- Bassia Allioni, 205  
 diacantha (Nees) Mueller, 205  
 hyssopifolia (Pallas) Kuntze, 205  
 scoparia (Linnaeus) Scott, 205
- Bellenden Brown, 108  
 montana Brown, 108
- Benzoin *aestivale* Nees, 339  
*glaucum* Siebold & Zuccarini, 339  
*odoriferum* Nees, 339  
*praecox* Siebold & Zuccarini, 339
- Berberidaceae, 389–418
- Berberis Linnaeus, 393–410  
 actinacantha Martelli, 408  
 acuminatamisapplied, 399  
 aemulans Schneider, 402  
 aetnensis Presl, 407  
 aggregata Schneider, 406  
 var. *pratitii* (Schneider) Schneider, 406
- amoena Dunn, 404  
 amurensis Ruprecht, 406  
 angulosa Hooker & Thomson, 401  
 × *antoniana* Ahrendt, 409  
 approximata Sprague, 403  
*aquifolium* Pursh, 392  
 arido-calida Ahrendt, 407  
 aristata de Candolle, 400–401  
 aristata misapplied, 401  
 asiatica Roxburgh, 400  
 var. *clarkeana* Schneider, 400
- atrocarpa Schneider, 400  
 beaniana Schneider, 406  
 bergmanniae Schneider, 399  
 var. *acanthophylla* Schneider, 399
- brachypoda Maximowicz, 405  
 × *bristolensis* Ahrendt, 398
- buxifolia Lamarck, 409  
 var. *buxifolia*, 409  
 var. *nana* Usteri, 409
- cabreræ Job, 408  
 calliantha Mulligan, 397  
 canadensis Miller, 405  
 candidula Schneider, 398  
*capillaris* Ahrendt, 401  
 × *carminea* Ahrendt, 407  
 'Barbarossa', 407  
*cavalerieim* misapplied, 399  
 × *chenaultii* Ahrendt, 398

- Berberis* Linnaeus (*continued*)  
 chillanensis (Schneider) Sprague, 409  
   var. chillanensis, 409  
   var. hirsutipes Sprague, 409  
 chinensis Poirét, 410  
 chitria Ker Gawler, 401  
 chrysosphaera Mulligan, 397–398  
 circumserrata Schneider, 402  
   var. *occidentalis* Ahrendt, 402  
   var. subarmata Ahrendt, 402  
 comberi Sprague, 409  
 concinna Hooker & Thomson, 401–402  
 congestiflora Gay, 408  
 coriaria Lindley, 401  
   var. patula Ahrendt, 401  
 coryi Veitch, 407  
 coxii Schneider, 398  
 crispa Gay, 408  
 darwinii Hooker, 409  
 diaphana Maximowicz, 402  
   var. uniflora Ahrendt, 402  
 dictyophylla Franchet, 402–403  
   var. epruinosa Schneider, 403  
 dielsiana Fedde, 406  
 dulcis Sweet, 409  
 dumicola Schneider, 400  
 empetrifolia Lamarck, 408  
 fendleri Gray, 405  
 floribunda Don, 401  
 formosana Ahrendt, 399  
 forrestii Ahrendt, 403  
 fortunei Lindley, 391  
 franchetiana Schneider var. franchetiana, 403  
   var. glabripes Ahrendt, 403  
   var. macrobotrys Ahrendt, 403  
 francisci-ferdinandi Schneider, 405  
 fremontii Torrey, 392  
   × frikartii Schneider, 398  
 gagnepainii Schneider, 398  
   var. lanceifolia Ahrendt, 398  
 gilgiana Fedde, 405  
 glaucocarpa Stapf, 400  
 gracilipes Oliver, 391  
 gyalaiica Ahrendt, 407  
 haematocarpa Wooton, 392  
 hakeoides (Hooker) Schneider, 408  
 henryana Schneider, 406  
 heteropoda Schrenk, 408  
 hispanica Boissier & Reuter, 407  
 hookeri Lemaire, 397  
   var. viridis Schneider, 397  
   × hybridogagnepainii Ahrendt, 398  
 hypokerina Airy-Shaw, 398–399  
 hypoleuca Lindley, 400  
 ignorata misapplied, 402  
 ilicifolia Forster, 409  
 incrassata Ahrendt, 398  
 insignis Hooker & Thomson, 398  
   subsp. incrassata (Ahrendt) Chamberlain  
     & Hu, 398  
   var. bucahwangensis Ahrendt, 398  
   subsp. insignis, 398  
   × interposita Ahrendt, 398  
   × irwini Byharrer, 408  
 jamesiana Forrest & Smith, 405  
 jamesonii misapplied, 397  
 japonica (Regel) Schneider, 406  
 johannis Ahrendt, 403  
 julianae Schneider, 400  
 kawakamii Hayata, 399  
 knightii misapplied, 399  
 koreana Palibin, 406  
 lecomtei Schneider, 403  
 leichtensteinii Schneider, 400  
 lempergiana Ahrendt, 399  
 lepidifolia Ahrendt, 405  
 leptoclada Diels, 404  
 levis misapplied, 400  
 linearifolia Philippi, 409  
   × lologensis Sandwith, 409  
 lucida Schrader, 406  
 ludlowii Ahrendt, 401  
 lycium Royle, 400  
   × macrocantha Ahrendt, 401  
 macrosepala Hooker & Thomson, 401  
 manipurana Ahrendt, 399  
   × media Grottenberg, 404  
     ‘Mentorensis’, 404  
 mitifolia Stapf, 405–406  
 montana Gay, 408  
 morrisonensis Hayata, 402  
 mouillacana Schneider, 404–405  
 mucrifolia Ahrendt, 403  
 nana Greene, 392  
 nervosa Pursh, 392  
 neubertii Baumann, 393  
 nevinii Gray, 392  
 oblonga (Regel) Schneider, 407–408  
 orthobotrys Aitchison, 403  
   var. canescens Ahrendt, 403  
   var. rubicunda Ahrendt, 403  
   × ottawensis Schneider, 404  
     ‘Superba’, 404  
 pallens misapplied, 403  
 panlanensis Ahrendt, 399  
 paravirescens Ahrendt, 402  
 parisepala Ahrendt, 401  
 parkeriana Schneider, 400  
 parvifolia Sprague, 407  
 pinnata Lagasca, 392  
 poiretii Schneider, 405  
 polyantha misapplied, 406  
 potaninii Maximowicz, 400  
 prattii Schneider, 406–407  
   var. recurvata Schneider, 407  
 pruinosa Franchet, 399–400  
 pumila Greene, 392  
 quelpaertensis Nakai, 404  
 regeliana Schneider, 406  
 repens Lindley, 392  
 replicata Smith, 399  
   × rubrostilla Chittenden, 407  
     ‘Chealii’, 407  
     ‘Cherry Ripe’, 407  
     ‘Crawleyensis’, 407  
 sanguinea Schneider, 399  
 sargentiana Schneider, 399  
 schiedeana Schlechtendahl, 392  
 sherriffii Ahrendt, 407  
 sibirica Pallas, 403  
 sieboldii Miquel, 404  
 sikkimensis (Schneider) Ahrendt, 401  
 silva-taroucana Schneider, 404  
 soulieana Schneider, 400  
 stearnii Ahrendt, 404  
   × stenophylla Lindley, 408  
     ‘Autumnalis’, 408  
     ‘Corallina’, 408  
 suberecta Ahrendt, 410  
 taliensis Schneider, 399  
 taylorii Ahrendt, 407  
 temolaica Ahrendt, 402  
   var. artisepala Ahrendt, 402  
 thunbergii de Candolle, 404  
   ‘Atropurpurea’, 404  
   ‘Atropurpurea Nana’, 404  
   ‘Aurea’, 404  
 tischleri Schneider, 402  
 toluacensis Anon., 392  
 triacanthophora misapplied, 398  
 trifolia (Chamisso & Schlechtendahl) Schultes,  
   392  
 trifoliata Lindley, 392  
 trifoliolata Moricand, 392  
 tsangpoensis Ahrendt, 402  
 tsarongensis Stapf, 403–404  
 umbellata Don, 401  
 valdiviana Philippi, 409–410  
 validisepala Ahrendt, 410  
   var. primaglauca Ahrendt, 410  
 veitchii Schneider, 399  
 vernae Schneider, 405  
 verruculosa Hemsley & Wilson, 398  
 virescens Hooker & Thomson, 402  
 virgetorum Schneider, 404  
 vulgaris Linnaeus, 406  
 wallichiana misapplied, 393  
 wilsoniae Hemsley, 407  
   var. parvifolia (Sprague) Ahrendt, 407  
   var. stapfiana (Schneider) Schneider, 407  
   var. subcaulialata (Schneider) Schneider,  
     407  
   × wintonensis Ahrendt, 399  
 wisleyensis Ahrendt, 398  
   × wokingensis Ahrendt, 398  
 xanthoxylon misapplied, 399  
 yunnanensis Franchet, 404  
 yunnanensis misapplied, 402  
 zabeliana Schneider, 404  
*Bergeranthus* Schwantes, 144  
 multiceps (Salm-Dyck) Schwantes, 144  
 rhomboideus (Salm-Dyck) Schwantes, 145  
 scapiger (Haworth) Brown, 144  
 vespertinus (Berger) Schwantes, 144  
*Berteroa* de Candolle, 567–568  
 incana (Linnaeus) de Candolle, 568  
 mutabilis (Ventenat) de Candolle, 568  
*Beta* Linnaeus, 202  
 vulgaris Linnaeus, 202  
   ‘Cruenta’, 202  
   ‘Dracaenifolia’, 202  
   ‘Victoria’, 202  
*Betula* Linnaeus, 49–55  
 aetnensis Rafinesque, 52  
 albosinensis Burkill, 55  
   var. septentrionalis Schneider, 55  
 alleghaniensis Britton, 54  
 bhojpattra Wallich, 55

- candelae* Koidzumi, 54  
*carpinifolia* Ehrhart, 54  
*carpinifolia* Siebold & Zuccarini, 54  
*celtiberica* Rothmaler & Vasconcellos, 53  
*coerulea-grandis* Blanchard, 52–53  
*corylifolia* Regel & Maximowicz, 54  
*costata* misapplied, 55  
*costata* Trautvetter, 55  
*dahurica* Regel, 53  
*davurica* Pallas, 53–54  
*ermanii* Chamisso, 55  
*fontinalis* Sargent, 54  
*grossa* Siebold & Zuccarini, 54  
*humilis* Schrank, 55  
*jacquemontii* Spach, 55  
*lenta* Linnaeus, 54  
*lutea* Michaux, 54  
*mandshurica* (Regel) Nakai, 52  
   var. *szechuanica* Schneider, 53  
*maximowicziana* Regel, 54  
*medwediewii* Regel, 54–55  
*nana* Linnaeus, 55  
*nigra* Linnaeus, 55  
*occidentalis* Hooker, 54  
*papyracea* Horton, 53  
*papyrifera* Marshall, 53  
*pendula* Roth, 52  
   'Dalecarlica', 52  
*platyphylla* Sukatchev, 52  
   var. *szechuanica* (Schneider) Rehder, 53  
*populifolia* Marshall, 52  
*pubescens* Ehrhart, 53  
 Series *Acuminatae* Regel, 54  
 Series *Albae* Regel, 52  
 Series *Costatae* Regel, 54  
 Series *Humiles* Koch, 55  
*szechuanica* (Schneider) Jansson, 53  
*tortuosa* Ledebour, 53  
*ulmifolia* Siebold & Zuccarini, 54  
*utilis* Don, 55  
   var. *jacquemontii* (Spach) Winkler, 55  
   'Jermyns', 55  
*verrucosa* Ehrhart, 52
- Betulaceae, 45–55  
*Bijlia* Brown, 145  
   *cana* Brown, 145  
*Bilderdykia aubertii* (Henry) Dumortier, 131  
*baldschuanica* (Regel) Webb, 131  
*Biscutella* Linnaeus, 578  
   *frutescens* Cosson, 578  
   *laciniata* de Candolle, 578  
   *laevigata* Linnaeus, 578  
   *megalocarpa* de Candolle, 578  
*Bistorta affinis* (Don) Greene, 129  
*amplexicaulis* (Don) Greene, 130  
*griffithii* (Hooker) Grierson, 130  
*macrophylla* (Don) Sojak, 130  
*major* Gray, 130  
*milletii* Léveillé, 130  
*tenuicaule* (Bisset & Moore) Nakai, 130  
*vacciniifolia* (Meissner) Greene, 129  
*vivipara* (Linnaeus) Gray, 130  
*Blitum capitatum* Linnaeus, 203  
*virgatum* Linnaeus, 203  
*Blossfeldia* Werdermann, 276  
   *atroviridis* Ritter, 276  
   *campaniflora* Backeberg, 276  
   *fuchseri* Backeberg, 276  
   *liliputana* Werdermann, 276–277  
   *minima* Ritter, 276  
   *pedicellata* Ritter, 276  
*Bocconia* Linnaeus, 533  
   *arborea* Watson, 533  
   *cordata* Willdenow, 533  
   *frutescens* Linnaeus, 533  
   *integrifolia* (Humboldt & Bonpland) de  
     Candolle, 533  
   *microcarpa* Maximowicz, 533  
*Boehmeria* Jacquin, 106  
   *argentea* misapplied, 107  
   *biloba* Weddell, 106  
   *japonica* Miquel var. *platanifolia* (Franchet &  
     Savatier) Maximowicz, 106  
   *nivea* (Linnaeus) Gaudichaud-Beaupré, 106  
   *platanifolia* Franchet & Savatier, 106  
*Bolivivereus samaipatanus* Cardenas, 245  
*Bongardia* Meyer, 416  
   *chrysozonum* (Linnaeus) Spach, 416  
   *rauwolfii* Meyer, 416  
 × *Bonstedtia lilacina* (Donckelaar) Wehrhahn,  
 413  
   *youngiana* (Fischer & Meyer) Wehrhahn,  
 413  
*Bornmuellera* Haussknecht, 567  
   *cappadocica* (de Candolle) Cullen & T.R.  
     Dudley, 567  
*Borzicactus acanthurus* (Vaupel) Britton & Rose,  
 244  
   *aurantiacus* (Vaupel) Kimmach & Hutchison,  
 247  
   *aureispinus* (Ritter) Hutchison & Kimmach,  
 245  
   *aurivillus* (Schumann) Britton & Rose, 244  
   *fieldianus* Britton & Rose, 244  
   *hempelianus* (Guerke) Donald, 246  
   *huagalensis* Donald & Lau, 247  
   *icosagonus* (Kunth) Britton & Rose, 244  
   *intertextus* (Ritter) Donald, 247  
   *madisoniorum* Hutchison, 247  
   *paucicostatus* (Ritter) Donald, 247  
   *roezlii* (Haage) Marshall, 244  
   *samaipatanus* (Cardenas) Kimmach, 245  
   *sepium* (Kunth) Britton & Rose, 244  
   *tessellatus* Akers & Buining, 244  
*Boscia albitrunca* (Burchell) Gilg & Benedict,  
 546  
*Bosea* Linnaeus, 206  
   *yervamora* Linnaeus, 206  
*Bougainvillea* Jussieu, 135–136  
   × *buttiana* Holtum & Standley, 135  
   *glabra* Choisy, 135  
   *peruviana* Humboldt & Bonpland, 135  
   *spectabilis* Willdenow, 135–136  
   'Variegata', 136  
*Boussingaultia baselloides* misapplied, 182  
   *cordifolia* Tenore, 182  
   *gracilis* Miers, 182  
     forma *pseudobaselloides* Hauman, 182  
     var. *pseudobaselloides* (Hauman) Bailey,  
     182  
*Brachycalycium tilcarensis* (Backeberg) Backeberg,  
 263  
*Brasenia* Schreber, 427–428  
   *peltata* Pursh, 428  
   *schreberi* Gmelin, 428  
*Brasilicactus graessneri* (Schumann) Backeberg,  
 271  
   *haselbergii* (Ruempler) Backeberg, 271  
*Brasiliopuntia* (Schumann) Berger, 314  
   *brasiliensis* (Willdenow) Berger, 314  
*Brasiliparodia alacriportana* (Backeberg & Voll)  
 Ritter, 271  
   *brevihamata* (Backeberg) Ritter, 271  
   *buenekeri* (Buining) Ritter, 271  
*Brassica* Linnaeus, 579–580  
   *campestris* Linnaeus, 580  
   *cermua* Forbes & Hemsley, 580  
   *chinensis* Linnaeus, 579  
   *cretica* Lamarck subsp. *botrytis* (Linnaeus) O.  
     Schwartz, 579  
   *integrifolia* (West) O.E. Schulz, 580  
   *juncea* (Linnaeus) Czernajew, 580  
   *napus* Linnaeus, 579–580  
     var. *napobrassica* (Linnaeus) Reichenbach,  
     580  
   *nigra* (Linnaeus) Koch, 580  
   *oleracea* Linnaeus, 579  
     var. *botrytis* Linnaeus, 579  
     var. *capitata* Linnaeus, 579  
     var. *gemmifera* Linnaeus, 579  
     var. *gongyloides* Linnaeus, 579  
     var. *sabauda* Linnaeus, 579  
   *pekinensis* Ruprecht, 579  
   *sylvestris* (Linnaeus) Miller, 579  
   *rapa* Linnaeus, 580  
     subsp. *rapa*, 580  
     subsp. *sylvestris* (Linnaeus) Janchen, 580  
*Brassicaceae*, 547  
*Brathys laxa* Blume, 501  
*Braunsia* Schwantes, 152  
   *apiculata* (Kensit) Bolus, 152  
   *geminata* (Haworth) Bolus, 152  
*Braya* von Sternberg & Hoppe, 551  
   *alpina* von Sternberg & Hoppe, 551  
   *pimmatifida* (Lamarck) Koch, 550  
*Brittonia davisi* Armstrong, 293  
*Broussonetia* Ventenat, 88  
   *kaempferi* misapplied, 88  
   *kaempferi* Sieber, 88  
   *kazinoki* Sieber, 88  
   *papyrifera* (Linnaeus) Ventenat, 88  
     'Laciniata', 88  
   *sieboldii* Blume, 88  
*Browningia* Britton & Rose, 235–236  
   *candelaris* (Meyen) Britton & Rose, 235  
   *chlorocarpa* (Kunth) Marshall, 235  
   *hertlingiana* (Backeberg) Buxbaum,  
     235–236  
*Buckleya* Torrey, 122  
   *distichophylla* (Nuttall) Torrey, 122  
*Buiningia* Buxbaum, 239  
   *brevicylindrica* Buining, 239  
*Cabomba* Aublet, 427  
   *aquatica* Aublet, 427  
   *aquatica* de Candolle, 427  
   *australis* Spegazzini, 427  
   *caroliniana* Gray, 427

- Cabomba Aublet (*continued*)  
   var. *pulcherrima* Harper, 427  
   *pulcherrima* (Harper) Fassett, 427  
   *viridifolia* invalid, 427  
 Cabombaceae, 428  
 Cactaceae, 209–317  
 Cactus *bahiensis* Britton & Rose  
   *brandegei* Coulter, 311  
   *coronatus* Lamarck, 241  
   *densispinus* Coulter, 307  
   *erinaceus* Haworth, 274  
   *harlowii* Britton & Rose, 241  
   *intortus* Miller, 241  
   *latispinus* Haworth, 293  
   *linkii* Lehmann, 272  
   *mammillaris* Linnaeus, 310  
   *maxonii* Rose, 241  
   *melocactus* misapplied, 239  
     var. *communis* Aiton, 241  
   *nobilis* Linnaeus, 340  
   *oaxacensis* Britton & Rose, 241  
   *ottonis* Lehmann, 271  
   *placentiformis* Lehmann, 264  
   *pringlei* Coulter, 307  
   *proliferus* Miller, 306  
   *recurvus* Miller, 293  
   *scopa* Sprengel, 272  
   *serpentinus* Lagasca & Rodriguez, 222  
   *triangularis* Linnaeus, 230  
   *viviparus* Nuttall, 298  
   *zehntneri* Britton & Rose, 240  
 Calandrinia Humboldt, Bonpland & Knuth,  
   178  
   *ciliata* de Candolle var. *menziesii* (Hooker)  
     Macbride, 178  
   *grandiflora* Lindley, 178  
   *speciosa* misapplied, 178  
   *umbellata* de Candolle, 178  
 Callianthemum Meyer, 388–389  
   *anemonoides* (Zahlbruckner) Heynhold, 389  
   *cachemirianum* Cambessedes, 388  
   *coriandrifolium* Reichenbach, 389  
   *kernerianum* Freyn, 389  
   *pimpinelloides* (Don) Hooker & Thomson,  
     388  
   *rutifolium* misapplied, 389  
 Calophyllum Linnaeus, 501–502  
   *antillanum* Britton, 502  
   *brasiliense* Cambessedes, 502  
   *calaba* invalid, 502  
   *inophyllum* Linnaeus, 501–502  
 Caltha Linnaeus, 353–354  
   *biflora* de Candolle, 354  
   *leptosepala* de Candolle, 354  
   *palustris* Linnaeus, 354  
     var. *alba* Anon., 354  
 Calycanthaceae, 336–337  
 Calycanthus Linnaeus, 336–337  
   *floridus* Linnaeus, 336–337  
     var. *floridus*, 337  
     var. *laevigatus* (Willdenow) Torrey & Gray,  
       337  
   *fertilis* Walter, 337  
   *glaucus* Willdenow, 337  
   *laevigatus* Willdenow, 337  
   *occidentalis* Hooker & Arnott, 337  
     *praecox* Linnaeus, 337  
 Calymmanthium Ritter, 219  
   *substerile* Ritter, 219  
 Calyptridium umbellatum (Torrey) Greene, 180  
 Camphorosma Linnaeus, 204  
   *monspeliaca* Linnaeus, 204  
 Cambogia gummi-gutta Linnaeus, 505  
 Camellia Linnaeus, 459–467  
   'Akebono', 466  
   *axillaris* Griffith, 465  
   *axillaris* Ker-Gawler, 467  
   *buisanensis* Sasaki, 465  
   *caduca* Brandis, 460  
   *caudata* Wallich, 465  
     var. *gracilis* (Hemsley) Yamamoto, 465  
   *crapnelliana* Tutcher, 461  
   *cuspidata* (Kochs) Wright, 465  
     'Cornish Snow', 467  
     'Cornish Spring', 467  
   *drupifera* Loureiro, 461  
   *drupifera* misapplied, 460  
   'El Dorado', 462  
   'Fragrant Pink', 465  
   *fraterna* Hance, 465–466  
   *gracilis* Hemsley, 465  
   *granthamiana* Sealy, 461  
   × *heterophylla* Hu, 462, 466  
   × *hiemalis* Nakai, 461  
   *hongkongensis* Seemann, 461  
   *iniquicarpa* (Kochs) Cohen Stuart, 460  
   *japonica* Linnaeus, 461–462  
     subsp. *rusticana* (Honda) Kitamura, 462  
   *japonica* misapplied, 461, 466  
   'Adolphe Audusson', 466, 467  
   'Akashigata', 466  
   'Alba Grandiflora', 466  
   'Alba Plena', 466  
   'Alba Simplex', 466  
   'Althaeiflora', 466  
   'Apollo', 466  
   'Arajishi', 466  
   'Arejishi', 466  
   'Are-jishi', 466  
   'Black Camellia', 466  
   'Blood of China', 466  
   'Chandleri Elegans', 466  
   'Contessa Lavinia Maggi', 466  
   'Coquetii', 466  
   'Debutante', 467  
   'Devonia', 466  
   'Devoniensis', 466  
   'Donckelaeri', 466  
   'Elegans', 466  
   'Fimbriata Superba', 466  
   'Fred Sander', 466  
   'Gauntlettii', 466  
   'Gloire de Nantes', 466  
   'Grandiflora Alba', 466  
   'Grandiflora Rosea', 466  
   'Hagaromo', 466  
   'Jupiter', 466  
   'Konron-Koku', 466  
   'Kouron-jura', 466  
   'Kuro-Tsubaki', 466  
   'Lady Clare', 466  
   'Lady de Saumarez', 466  
   'Lady Vansittart', 466  
   'Lotus', 466  
   'Magnoliiflora', 466  
   'Mathotiana', 466  
   'Mathotiana Alba', 466  
   'Mathotiana Rosea', 466  
   'Mathotiana Rubra', 466  
   'Pukura', 467  
   'Rubescens Major', 466  
   'Sieboldii', 466  
   'Sode-gashuki', 466  
   'Sode Kakushi', 466  
   'Tiffany', 462  
   'Tricolor', 466  
 kissi Wallich, 460  
 lutchuensis Ito, 465  
   × *maliflora* Lindley, 465  
 mutabilis Paxton, 461  
 oleifera Abel, 461  
 oleosa misapplied, 461  
 pitardii Cohen Stuart var. *yunnanica* Sealy,  
   462  
 pitaridii misapplied, 462  
   var. *lucidissima* (Léveillé) Rehder, 462  
 reticulata Lindley, 462  
   'Barbara Hillier', 466  
   'Buddha', 466, 467  
   'Captain Rawes', 462, 466  
   'Crimson Robe', 466, 467  
   'Dali Cha', 467  
   'Dataohong', 466  
   'Flore Pleno', 467  
   'Innovation', 467  
   'Leonard Messel', 467  
   'Mary Christian', 467  
   'Noble Pearl', 467  
   'Pagoda', 467  
   'Pine-Cone-Scale', 467  
   'Purple Gown', 467  
   'Robert Fortune', 467  
   'Semi-Plena', 467  
   'Songzilin', 467  
   'Tali Queen', 467  
   'Tzepao', 467  
   'Zipao', 467  
   var. *albo-rosea* Kitamura, 462  
   var. *campanulata* Kitamura, 462  
   var. *rosea* (Makino) Makino, 462  
   var. *wabiske* (Makino) Kitamura,  
     462  
 rosiflora Hooker, 465  
 salicifolia Benthams, 465  
   var. *longisepala* Keng, 465  
 saluenensis Bean, 462  
   'Francie L.', 467  
   'Grand Jury', 467  
   'Inspiration', 467  
   'Salutation', 467  
 sasanqua misapplied, 461  
 sasanqua Thunberg, 460–461  
   'Fukuzu-tsumi', 467  
   'Jaune', 461  
   'Lady Banks', 461  
   'Narumi-gata', 467  
   'Palmer's Double', 461  
   var. *oleifera* misapplied, 467



- var. *oleosa* misapplied, 461  
*sinensis* (Linnaeus) Kuntze, 462  
   var. *assamica* (Masters) Kitamura, 462  
   var. *sinensis*, 462  
*spectabilis* Benth. 462  
*taliensis* (W.W. Smith) Melchior, 462–465  
*thea* Link, 462  
 ‘Tiny Princess’, 466  
*tsaii* Hu, 465  
*uraku* Kitamura, 462  
   × *vernalis* (Makino) Makino, 461  
*wabiske* (Makino) Kitamura forma *uraku*  
   (Kitamura) Kitamura, 462  
   × *williamsii* W.W. Smith, 462, 466, 467  
   ‘Apple Blossom’, 467  
   ‘Bow Bells’, 467  
   ‘C.F. Coates’, 467  
   ‘Debbie’, 467  
   ‘Donation’, 467  
   ‘Elizabeth Rothschild’, 467  
   ‘Elsie Jury’, 467  
   ‘Francis Hanger’, 467  
   ‘J.C. Williams’, 467  
   ‘Lady Gowrie’, 467  
   ‘Mary Christian’, 467  
   ‘St. Ewe’, 467  
   ‘William’s Lavender’, 467  
*Camelliastrum buisanense* (Sasaki) Nakai, 465  
   *caudatum* (Wallich) Nakai, 465  
   *gracile* (Hemsley) Nakai, 465  
   *salicifolium* (Champion) Nakai, 465  
*Campylopus cerastoides* Spach, 489  
*Cananga* (de Candolle) Hooker & Thomson,  
   332  
   *odorata* Hooker & Thomson, 332  
*Candollea cuneiformis* Labillardière, 444  
   *latifolia* Steudel, 444  
   *tetrandra* Lindley, 444  
*Canella* Brown, 334  
   *alba* Murray, 334  
   *winterana* (Linnaeus) Gaertner, 334  
 Canellaceae, 333–334  
 Cannabaceae, 103–104  
*Cannabis* Linnaeus, 103–104  
   *gigantea* Vilmorin, 104  
   *ruderalis* Janischewsky, 104  
   *sativa* Linnaeus, 104  
*Capnoides sempervirens* (Linnaeus) Borkhausen,  
   539  
 Capparaceae, 546  
*Capparis* Linnaeus, 546  
   *inermis* Turra, 546  
   *ovata* Desfontaines, 546  
   *rupestris* Smith, 546  
   *spinosa* Linnaeus, 546  
     subsp. *spinosa*, 546  
     subsp. *rupestris* (Smith) Nyman, 546  
 Cardamine Linnaeus, 556–558  
   *amara* Linnaeus subsp. *amara*, 557–558  
   *asarifolia* Linnaeus, 557  
   *bulbifera* (Linnaeus) Crantz, 557  
   *californica* (Nuttall) Greene, 557  
   *enneaphyllos* (Linnaeus) Crantz, 557  
   *heptaphylla* (Villars) Schulz, 557  
   *kitaibelii* Becherer, 557  
   *latifolia* Vahl, 558  
   *pentaphyllos* (Linnaeus) Crantz, 557  
   *pratensis* Linnaeus subsp. *pratensis*, 558  
     ‘Flore Plena’, 558  
   *raphanifolia* Pourret subsp. *raphanifolia*, 558  
   *trifolia* Linnaeus, 557  
*Carnegiea* Britton & Rose, 223  
   *gigantea* (Engelmann) Britton & Rose, 223  
   *polylopha* (de Candolle) Hunt, 223  
*Carpanthea* Brown, 175  
   *pomeridianum* (Linnaeus) Brown, 175  
*Carpinus* Linnaeus, 56–57  
   *americana* Michaux, 56  
   *betulus* Linnaeus, 56  
     ‘Fastigiata’, 56  
     ‘Pendula’, 56  
     forma *pendula* Kirchner, 56  
     forma *pyramidalis* Moehl, 56  
     var. *fastigiata* Jaeger, 56  
   *caroliniana* Walter, 56  
   *carpinoides* Makino, 57  
   *cordata* Blume, 57  
   *fargesii* Franchet, 56  
   *fargesii* Winkler, 57  
   *fauriei* Nakai, 57  
   *henryana* Winkler, 57  
   *japonica* Blume, 57  
   *laxiflora* (Siebold & Zuccarini) Blume, 56  
     var. *macrostachya* Oliver, 56  
   *orientalis* Miller, 56  
   *ostrya* Linnaeus, 57  
   *tschonoskii* Maximowicz, 57  
   *virginiana* Miller, 57  
   *yedoensis* Maximowicz, 57  
*Carpobrotus* Brown, 176  
   *acinaciformis* (Linnaeus) Bolus, 176  
   *deliciosus* (Bulus) Bolus, 176  
   *edulis* (Linnaeus) Bolus, 176  
*Carya* Nuttall, 17–18  
   *alba* misapplied, 18  
   *alba* Nuttall, 18  
   *amara* (Michaux) Nuttall, 17  
   *aquatica* (Michaux) Nuttall, 17  
   *arkansana* Sargent, 18  
   × *brownei* Sargent, 17  
   *buckleyi* Durand, 18  
   *cathayensis* Sargent, 17  
   *cordiformis* (Wangenheim) Koch, 17  
   *glabra* (Miller) Sweet, 18  
   *illinoensis* (Wangenheim) Koch, 17  
   *laciniosa* (Michaux) Loudon, 18  
   × *laneyi* Sargent, 17  
   × *lecontei* Little, 17  
   *microcarpa* Nuttall, 18  
   *minima* (Marshall) Britton, 17  
   *myristiciformis* (Michaux) Nuttall, 18  
   *oliviformis* (Michaux) Nuttall, 17  
   *ovalis* (Wangenheim) Sargent, 18  
   *ovata* (Miller) Koch, 18  
   *pallida* (Ashe) Engler & Graebner, 18  
   *pecan* (Marshall) Engler & Graebner, 17  
   *porcina* (Michaux) Nuttall, 18  
   *pubescens* (Willdenow) Sweet, 18  
   *sulcata* Nuttall, 18  
   *texana* Buckley, 18  
   *tomentosa* (Poiret) Nuttall, 18  
   *villosa* (Sargent) Schneider, 18  
 Caryophyllaceae, 182–200  
*Castanea* Miller, 64–65  
   *alnifolia* Nuttall, 65  
   *americana* Rafinesque, 65  
   *bungeana* Blume, 64  
   *chrysophylla* Hooker, 65  
   *crenata* Siebold & Zuccarini, 64  
   *dentata* (Marsh) Borkhausen, 65  
   *henryi* (Skan) Rehder & Wilson, 65  
   *japonica* Blume, 64  
   *mollissima* Blume, 64  
   *nana* Muehlenberg, 65  
   *ozarkensis* (Ashe) Tucker, 65  
   *pumila* (Linnaeus) Miller, 64–65  
     var. *ozarkensis* (Ashe) Tucker, 65  
   *sativa* Miller, 64  
   *seguinii* Dode, 65  
   *vesca* Gaertner, 64  
   *vulgaris* Lamarck, 64  
*Castanopsis* (Don) Spach, 65  
   *chinensis* Hance, 65  
   *chrysophylla* (Hooker) de Candolle, 65  
   *concolor* Rehder & Wilson, 65  
   *cuspidata* (Thunberg) Schottky, 65  
     ‘Variegata’, 65  
   *delavayi* Franchet, 65  
   *sempervirens* (Kellogg) Dudley, 66  
*Casuarina* Adanson, 13–15  
   *cunninghamiana* Miquel, 13  
   *equisetifolia* Forster & Forster, 13  
   *equisetifolia* misapplied, 13  
   *glauca* Sprengel, 13, 15  
   *littoralis* Salisbury, 15  
   *stricta* Aiton, 15  
   *suberosa* Otto & Dietrich, 15  
   *torulosa* Aiton, 15  
   *verticillata* Lamarck, 15  
 Casuarinaceae, 13–15  
*Cathartia villosa* Hooker, 528  
*Caulophyllum* Michaux, 415–416  
   *thalictroides* (Linnaeus) Michaux, 416  
*Celosia* Linnaeus, 206  
   *argentea* Linnaeus var. *cristata* Kuntze, 206  
   *cristata* Linnaeus, 206  
   ‘Childsii’ group, 206  
   ‘Cristata’ group, 206  
   *thompsonii*, 206  
*Celtis* Linnaeus, 81  
   *australis* Linnaeus, 81  
   *occidentalis* Linnaeus, 81  
*Cephalocereus* Pfeiffer, 223–224  
   *dybowskii* (Roland-Gosselin) Britton & Rose,  
     238  
   *fluminensis* (Miquel) Britton & Rose, 239  
   *glaucescens* (Labouret) Borg, 238  
   *melocactus* Schumann, 239  
   *palmeri* (Rose) Byles & Rowley, 237  
   *pentaedrophorus* (Labouret) Britton & Rose,  
     237  
   *polyanthus* Werdermann, 238  
   *purpureus* misapplied, 239  
   *royenii* (Linnaeus) Britton & Rose, 237  
   *senilis* (Haworth) Schumann, 223–224  
   *smithianus* Britton & Rose, 236  
*Cephalocleistocactus ritteri* (Backeberg) Backeberg,  
   245

- Cephalophyllum Brown, 146–147  
 alstonii Marloth, 147  
 aureorubrum Bolus, 147  
 decipiens (Haworth) Bolus, 146  
 framesii Bolus, 147  
 frutescens Bolus, 146  
 gracile Bolus, 146  
 pillansii Bolus, 146–147  
 pulchrum Bolus, 147  
 spongiosum (Bolus) Bolus, 146  
 subulatoides (Haworth) Brown, 147  
 tricolorum (Haworth) Brown, 147
- Cerastium Linnaeus, 197–198  
 alpinum Linnaeus, 198  
 arvense Linnaeus, 197–198  
 biebersteinii de Candolle, 198  
 lanatum Lamarck, 198  
 tomentosum Linnaeus, 198  
 ‘Columnae’, 198
- Ceratocarpus claviculata* (Linnaeus) Lidén, 544
- Ceratophyllaceae, 428–429
- Ceratophyllum Linnaeus, 428–429  
 demersum Linnaeus, 428–429  
 var. *echinatum* (Gray) Gray, 429  
*echinatum* Gray, 429  
 submersum Linnaeus, 429  
 var. *echinatum* (Gray) Wilmot-Dear, 429
- Cercidiphyllaceae, 341
- Cercidiphyllum Siebold & Zuccarini, 341  
 japonicum Siebold & Zuccarini, 341  
 var. *magnificum* Nakai, 341
- Cereus Miller, 236–237  
 aethiops Haworth, 237  
 azureus Pfeiffer, 237  
 berlandieri Engelmann, 227  
 caespitosus Engelmann, 228  
 chloranthus Engelmann, 227  
 chalybaeus Foerster, 237  
 cinerascens de Candolle, 227  
 coeruleus Salm-Dyck, 237  
 dubius Engelmann, 227  
 dumortieri Scheidweiler, 224  
 ehrenbergii Pfeiffer, 227  
 engelmannii Engelmann, 226  
 fendleri Engelmann, 226  
 forbesii Salm-Dyck, 237  
 giganteus Engelmann, 223  
 greggii Engelmann, 222  
 hildmannianus Schumann, 237  
 subsp. *hildmannianus*, 237  
 subsp. *uruguayanus* (Kiesling) Taylor, 247  
 jamacaru de Candolle, 236  
 lamprochlorus Lemaire, 251  
 lividus Pfeiffer, 236  
 multiplex Pfeiffer, 252  
 pachyrhizus Schumann, 237  
 pectinatus var. *armatus* Poselger, 228  
 var. *rigidissimus* Engelmann, 228  
 pentalophus de Candolle, 227  
 peruvianus misapplied, 237  
 pringlei Watson, 222  
 procumbens Engelmann, 227  
 roezlii Haage, 244  
 scheeri Salm-Dyck, 227  
 schottii Engelmann, 223
- silvestrii* Spegazzini, 255  
*spegazzinii* Weber, 237  
*smithianus* (Britton & Rose) Werdermann, 236  
*spachianus* Lemaire, 251  
*stramineus* Engelmann, 227  
*striatus* Brandegee, 222  
*thurberi* Engelmann, 225  
*tweedii* Hooker, 244  
*uruguayanus* Kiesling, 237  
*validus* Haworth, 237  
*viperinus* Weber, 222
- Cerochlamys Brown, 152  
 pachyphylla (Bolus) Bolus, 152
- Chamaecereus silvestrii* (Spegazzini) Britton & Rose, 255
- Chasmatophyllum Dinter & Schwantes, 159  
 musculinum (Haworth) Dinter & Schwantes, 159
- Cheiranthus africanus* Linnaeus, 582–583  
*allionii* misapplied, 552  
*annuus* Linnaeus, 554  
*cheiri* Linnaeus, 552  
*fruticulosus* Linnaeus, 554  
*incanus* Linnaeus, 554  
*linearis* Thunberg, 583  
*linifolius* Persoon, 552  
*maritimus* Linnaeus, 553  
*mutabilis* misapplied, 552  
*senoreri* Heldreich & Sartori, 552
- Cheiridopsis Brown, 147–148  
 acuminata Bolus, 148  
 aurea Bolus, 148  
 brevis Bolus, 148  
 brevis Schwantes, 148  
 candidissima (Haworth) Brown, 148  
 carinata Bolus, 148  
 cigarettifera (Berger) Brown, 148  
 crassa Bolus, 148  
 denticulata (Haworth) Brown, 148  
 duplessii Bolus, 148  
 framesii Bolus, 148  
 gibbosa Schick & Tischer, 148  
 inconspicua Brown, 148  
 longipes Bolus, 148  
 luckhoffii Bolus, 148  
 marlothii Bolus, 148  
 peculiaris Brown, 148  
 pillansii Bolus, 148  
 var. *crassa* (Bolus) Rowley, 148  
 ‘purpurata’ in error, 148  
 purpurea Bolus, 148  
 robusta (Haworth) Brown, 148  
 rostrata (Linnaeus) Brown, 148  
 rostratoides (Haworth) Brown, 148  
 scabra Bolus, 148  
 splendens Bolus, 148  
 tuberculata Miller, 148  
 velutina Bolus, 148
- Chelidonium Linnaeus, 531  
 japonicum Thunberg, 531  
 majus Linnaeus, 531  
 ‘Flore-Pleno’, 531  
 ‘Laciniatus’, 531
- Chenopodiaceae, 201–206
- Chenopodium Linnaeus, 202–203  
 album Linnaeus, 203
- amaranticolor* (Coste & Reynier) Coste & Reynier, 203  
 ambrosioides Linnaeus, 203  
 anthelminticum misapplied, 203  
 atriplicis Linnaeus, 203  
 bonus-henricus Linnaeus, 202  
 botrys Linnaeus, 203  
 capitatum (Linnaeus) Ascherson, 203  
 foliosum Ascherson, 203  
 giganteum Don, 203  
 purpurascens Jacquin, 203  
 purpurascens misapplied, 203  
 quinoa Willdenow, 203
- Cherleria sedoides* Linnaeus, 200
- Chileorebutia glabrescens* Ritter, 266
- Chimonanthus Lindley, 337  
 fragrans (Loiseleur) Lindley, 337  
 praecox (Linnaeus) Link, 337
- Chloranthaceae, 438–439
- Chloranthus Swartz, 439  
 brachystachys Blume, 438  
 glaber (Thunberg) Makino, 438–439  
 inconspicuum Swartz, 439  
 oldhamii Solms-Laubach, 439  
 serratus misapplied, 439  
 spicatus (Thunberg) Makino, 439
- Chondodendron Ruiz & Pavón, 421  
 microphyllum (Eichler) Moldenke, 421  
 platyphyllum (St Hilaire) Miers, 421  
 tomentosum Ruiz & Pavón, 421
- Chosenia arbutifolia* (Pallas) Skvortsov, 25
- Chrysamphora californica* (Torrey) Greene, 505
- Chrysolepis Hjelmqvist, 65–66  
 chrysophylla (Hooker) Hjelmqvist, 65–66  
 ‘Obovata’, 66  
 var. *minor* (Bentham) de Candolle, 66  
 var. *sempervirens* (Kellogg) Henry, 66  
*sempervirens* (Kellogg) Hjelmqvist, 66
- Cimicifuga Linnaeus, 343–344  
 acerina (Siebold & Zuccarini) Tanaka, 344  
 americana Michaux, 344  
 cordifolia Pursh, 344  
 dahurica (Turczaninow) Maximowicz, 344  
 foetida Linnaeus, 344  
 japonica (Thunberg) Sprengel, 344  
 var. *acerina* (Siebold & Zuccarini) Huth, 344  
 racemosa (Linnaeus) Nuttall, 344  
 var. *cordifolia* (Pursh) Gray, 344  
 simplex Wormskiold, 344  
 ‘Elstead’, 344
- Cinnamomum Schaeffer, 338–339  
 camphora (Linnaeus) Siebold, 338  
 japonicum Nees, 338  
 micranthum (Hayata) Hayata, 338  
 pedunculatum Nees, 338  
 zeylanicum Blume, 338–339
- Cissus porphyrophylla* Lindley, 438
- Cladostemon kirkii A. Braun & Vatke, 546
- Claytonia Linnaeus, 181  
 alsinoides Sims, 181  
 australasica Hooker, 181  
 megarhiza (Gray) Watson, 181  
 var. *nivalis* (English) Hitchcock, 181  
*nivalis* English, 181

- perfoliata* Willdenow, 181  
*sibirica* Linnaeus, 181  
*virginica* Linnaeus, 181  
*Cleistocactus* Lemaire, 244–246  
*acanthurus* (Vaupel) Hunt, 244  
*anguinus* (Guerke) Britton & Rose, 244  
*baumannii* (Lemaire) Lemaire, 244  
   subsp. *baumannii*, 244  
   subsp. *santacruzensis* (Backeberg)  
     Mottram, 244  
*brookeae* Cardenas, 245  
   subsp. *brookeae*, 245  
   subsp. *vulpis-cauda* (Ritter & Cullmann)  
     Mottram, 245  
*candellila* Cardenas, 245  
*chlorocarpus* Kunth, 235  
*fieldianus* (Britton & Rose) Hunt, 244  
*flavescens* Haage, 245  
*flavirufus* invalid, 245  
*fossilatus* Mottram, 246  
*fusiflorus* Cardenas, 245  
*hildegardiae* Ritter, 245  
*hildewintera* invalid, 245  
*hyalacanthus* (Schumann) Roland-Gosselin,  
   245  
   subsp. *hyalacanthus*, 245  
   subsp. *tarijensis* (Cárdenas) Morttram,  
     245  
*icosagonus* (Kunth) Roland-Gosselin, 244  
*jujuyensis* (Backeberg) Backeberg, 245  
*luribayensis* Cardenas, 245  
*morawetzianus* Backeberg, 245  
*parviflorus* (Schumann) Roland-Gosselin, 245  
*raea* Cardenas, 245  
*rhodacanthus* (Salm-Dyck) Lemaire, 246  
*ritteri* Backeberg, 245  
*roezlii* (Haage) Backeberg, 244  
*rojoii* Cardenas, 245  
*samaipatanus* (Cardenas) Hunt, 245  
*santacruzensis* Backeberg, 244  
*sepium* (Kunth) Roland-Gosselin, 244  
*smaragdiflorus* (Weber) Britton & Rose,  
   245  
*strausii* (Heese) Backeberg, 245  
*tarijensis* Cardenas, 245  
*villamontesii* Cardenas, 245  
*vulpis-cauda* Ritter & Cullmann, 245  
*wendlandiorum* Backeberg, 245  
*winteri* Hunt, 245  
*Clematis* Linnaeus, 375–382  
   *addisonii* Vail, 378–379  
   *aethusifolia* Turczaninow, 377  
   *afoliata* Buchanan, 381  
   *alpina* (Linnaeus) Miller, 377  
   *amplexicaulis* Edgeworth, 377  
   *aphylla* Kuntze, 381  
   *aristata* Brown, 380  
   *armandii* Franchet, 381  
   × *aromatica* Lenné & Koch, 381  
   *balearica* Richard, 380  
   *barbellata* Edgeworth, 377  
   *brevicaudata* de Candolle, 380  
   *buchananiana* de Candolle, 378  
   *caerulea odorata* invalid, 381  
   *calycina* Solander, 380  
   *campaniflora* Brotero, 382  
   *chrysocoma* Franchet, 380  
   *cirrhusa* Linnaeus, 380  
   *coccinea* Engelmann, 379  
   *colensoi* Hooker, 381  
   *columbiana* Torrey & Gray, 377  
   *connata* de Candolle, 377  
   *crispa* Linnaeus, 379  
   *davidiana* Decaisne, 377  
   *dioscoerifolia* Léveillé & Vaniot, 380–381  
   *douglasii* Hooker, 379  
     ‘Durandii’, 379  
   × *durandii* Kuntze, 379  
   × *eriotemon* Decaisne, 382  
   *fargesii* Franchet, 381  
   *flammula* Linnaeus, 381  
   *florida* Thunberg, 382  
   Florida-group, 382  
   *forsteri* Gmelin, 381  
   *fusca* Turczaninow, 379  
   *gebleria* Bongard, 381  
   *glauca* Willdenow, 378  
   *glaucophylla* Small, 379  
   *glycinoides* de Candolle, 380  
   *gracilis* Edgeworth, 377  
   *grata* Wallich, 380  
   *graveolens* Lindley, 378  
   *grewiiflora* de Candolle, 378  
   *henryi* Oliver, 382  
   *heracleifolia* de Candolle, 377  
   *hexapetala* Linnaeus, 381  
   *hexasepala* de Candolle, 381  
   *hirsutissima* Pursh, 379  
   *indivisa* Willdenow, 381  
   *integrifolia* Linnaeus, 379  
   × *jackmanii* Moore, 382  
   Jackmanii-group, 382  
   × *jouiniana* Schneider, 380  
   *koreana* Komarov, 378  
   *lanuginosa* Lindley & Paxton, 382  
   Lanuginosa-group, 382  
   *ligusticifolia* Torrey & Gray, 379–380  
   *linearifolia* Steudel, 380  
   *loasaeifolia* de Candolle, 378  
   *macropetala* Ledebour, 377–378  
   *maximowicziana* Franchet & Savatier,  
     380  
   *meyeniana* Walpers, 381  
   *microphylla* de Candolle, 380  
   *montana* de Candolle, 380  
     var. *rubens* Wilson, 380  
     var. *sericea* Franchet, 380  
   *montana* Don, 377  
   *napaulensis* de Candolle, 377  
   *nepalensis* Royle, 377  
   *nutans* Royle, 378  
     var. *thyrsoides* Rehder & Wilson,  
       377  
   *ochotensis* Poiret, 377  
   *ochroleuca* Solander, 379  
   *odorata* invalid, 381  
   *oreophila* Hance, 381  
   *orientalis* Linnaeus, 378  
   *paniculate* Gmelin, 381  
   *paniculate* Thunberg, 380  
   *patens* Morren & Decaisne, 382  
   Patens group, 382  
   *phlebantha* Williams, 381  
   *petriei* Allan, 381–382  
   *pitcheri* Torrey & Gray, 379  
   *potaninii* Maximowicz, 381  
     var. *souliei* Finet & Gagnepain, 381  
   *recta* Linnaeus, 380–381  
   *reheriana* Craib, 377  
   *serratifolia* Rehder, 378  
   *sibirica* (Linnaeus) Miller, 377  
   *songarica* Bunge, 381  
   *spooneri* Rehder & Wilson, 380  
   *stans* Siebold & Zuccarini, 377  
   *stenophylla* Fraser, 380  
   *stenosepala* de Candolle, 380  
   *tangutica* (Maximowicz) Korshinsky,  
     378  
   *terniflora* de Candolle, 380–381  
     var. *mandshurica* (Ruprecht) Ohwi,  
       381  
   *texensis* Buckley, 379  
   Texensis-group, 382  
   *tibetana* Kuntze, 378  
   *tubulosa* Turczaninow, 377  
   *veitchiana* Craib, 377  
   *velutina* Edgeworth, 377  
   *venosa* Royle, 377  
   *vernayi* Fischer, 378  
   *versicolor* Rydberg, 379  
   *viorna* Linnaeus, 378  
   *virginiana* Linnaeus, 379  
   *vitalba* Linnaeus, 380  
   *viticella* Linnaeus, 382  
   Viticella-group, 382  
*Clematoclethra* (Franchet) Maximowicz,  
   454–455  
   *actinioides* Maximowicz, 454  
   *integrifolia* Maximowicz, 454  
   *lasioclada* Maximowicz, 454–455  
     var. *grandis* (Hemsley) Rehder, 455  
   *scandens* (Franchet) Maximowicz, 455  
*Cleome* Linnaeus, 546–547  
   *arborea* misapplied, 546  
   *gigantea* misapplied, 546  
   *gynandra* Linnaeus, 547  
   *hasslerana* Chodat, 546–547  
     ‘Alba’, 547  
     ‘Helen Ballard’, 547  
     ‘Pink Queen’, 547  
     ‘Rosea’, 547  
     ‘Rose Queen’, 547  
   *isomeris* Greene, 547  
   *pentaphylla* Linnaeus, 547  
   *pungens* misapplied, 546  
   *spinosa* misapplied, 546  
*Clethra scandens* Franchet, 455  
*Cleyera* Thunberg, 469–470  
   *fortunei* J.D. Hooker, 469  
   *gymnanthera* Wight & Arnott, 469  
   *japonica* Thunberg, 469–470  
     ‘Tricolor’, 469  
     var. *kaempferiana* (de Candolle) Sealy,  
       469  
     var. *tricolor* W. Miller, 469  
     var. *wallichiana* (de Candolle) Sealy, 469  
     forma *tricolor* (Nicholson) Kobuski, 469  
   *japonica foliis variegatis* Versscaffelt, 469

- Cleyera Thunberg (*continued*)  
 japonica tricolor Nicholson, 469  
 mertensiana Siebold & Zuccarini, 468  
 ochracea de Candolle, 468  
   var. *kaempferiana* de Candolle, 469  
   var. *wallichiana* de Candolle, 469  
 panamensis (Standley) Kobuski, 469  
 theoides (Swartz) Choisy, 469  
 Clusia Linnaeus, 502  
   rosea Jacquin, 502  
 Clusiaceae, 471  
 Cocoloba Browne, 133  
   uvifera (Linnaeus) Linnaeus, 133  
 Cocculus de Candolle, 421–422  
   carolinus (Linnaeus) de Candolle, 421  
   laurifolius de Candolle, 422  
   orbiculatus (Linnaeus) de Candolle, 421–422  
   palmatus (Lamarck) de Candolle, 421  
   trilobus (Thunberg) de Candolle, 421  
 Cochemia pondii (Greene) Walton, 303  
   posegeri (Hildmann) Britton & Rose, 302  
 Cochlearia Linnaeus, 573  
   officinalis Linnaeus, 573  
 Coleocephalocereus Backeberg, 239  
   brevicylindricus (Buining) Ritter, 239  
   fluminensis (Miquel) Backeberg, 239  
   goebelianus (Vaupel) Buining, 239  
   pachystele Ritter, 239  
   pluricostatus Buining & Brederoo, 239  
 Colobanthus Bartling, 200  
   muscooides Hooker, 200  
 Coluteocarpus Boissier, 573–574  
   reticulatus Boissier, 573  
   vesicaria (Linnaeus) Holmboe, 573  
 Comandra Nuttall, 123  
   pallida de Candolle, 123  
 Comptonia Aiton, 16  
   asprenifolia (Linnaeus) Aiton, 16  
   peregrina (Linnaeus) Coulter, 16  
   var. *asprenifolia* (Linnaeus) Fernald, 16  
 Conicosia Brown, 175–176  
   capensis (Haworth) Brown, 176  
   pugioniformis (Linnaeus) Brown, 176  
 Conophyllum moniliforme (Haworth) Schwantes, 175  
 Conophytum Brown, 167–171  
   advenum Brown, 170  
   andausanum Brown, 168  
   bilobum (Marloth) Brown, 168  
   brevipetalum Lavis, 170  
   calculus (Berger) Brown, 170  
   ectypum Brown, 170  
   elishae (Brown) Brown, 168  
   flavum Brown, 169  
   friedrichiae, 170–171  
   fulleri Bolus, 170  
   giftbergense Tischer, 170  
   hians Brown, 169  
   kubusanum Brown, 169  
   labyrinthum (Brown) Brown, 170  
   leightoniae Bolus, 170  
   luisae Schwantes, 168–169  
   meyerae Schwantes, 168  
   meyeri Brown, 169  
   minimum (Haworth) Brown, 170  
   minutum (Haworth) Brown, 169  
   var. *pearsonii* (Brown) Boom, 169  
   var. *sellatum* (Tischer) Boom, 169  
 mundum Brown, 170  
 notatum Brown, 169  
 novicium Brown, 169  
 obcordellum (Haworth) Brown, 170  
 occultum Bolus, 170  
 pearsonii Brown, 169  
 pillansii Lavis, 168  
 piluliforme (Brown) Brown, 170  
 placitum (Brown) Brown, 169  
 polyandrum Lavis, 169  
 praecinctum Brown, 170  
 praesectum Brown, 170  
 saxetanum (Brown) Brown, 169  
 schlechteri, 171  
 scitulum (Brown) Brown, 170  
 sellatum Tischer, 169  
 tischeri Schick, 169  
 truncatum (Thunberg) Brown, 169  
   var. *brevitubum* (Lavis) Tischer, 169  
 uviforme (Haworth) Brown, 169  
 vagum Brown, 170  
 velutinum (Schwantes) Schwantes, 169  
 viridicatum (Brown) Brown, 169  
 Consolia Lemaire, 314  
   macracantha (Grisebach) Berger, 314  
   picardae (Urban) Areces Mallea, 314  
   rubescens (de Candolle) Lemaire, 314  
   spinosissima (Miller) Lemaire, 314  
 Consolida (de Candolle) Gray, 364  
   ajacis (Linnaeus) Schur, 364  
   ambigua (Linnaeus) Ball, 364  
   orientalis (Gray) Schrodinger, 364  
   regalis Gray, 364  
   var. *paniculata* (Host) Soó, 364  
 Copiapoa Britton & Rose, 277–279  
   applanata invalid, 277  
   barquitenis invalid, 278  
   bridgesii (Pfeiffer) Backeberg, 277  
   calderana Ritter, 278  
   var. *spinosior* Ritter, 278  
   carrizalensis Ritter, 279  
   cinerascens (Salm-Dyck) Britton & Rose, 277  
   cinerea (Philippi) Britton & Rose, 278–279  
   subsp. *cinerea*, 279  
   subsp. *columna-alba* (Ritter) Backeberg, 279  
   subsp. *haseltoniana* (Backeberg) Taylor, 278–279  
   *columna-alba* Ritter, 279  
   coquimbana (Ruempler) Britton & Rose, 278  
   var. *wagenknechtii* Ritter, 278  
   *cuprea* Ritter, 277  
   dealbata Ritter, 279  
   dura Ritter, 277  
   echinata Ritter, 278  
   echinoides (Salm-Dyck) Britton & Rose, 277  
   eremophila Ritter, 278  
   ferox invalid, 277  
   gigantea Backeberg, 278  
   grandiflora Ritter, 278  
   haseltoniana Backeberg, 278  
   humilis (Philippi) Hutchison, 278  
   hypogaea Ritter, 278  
   subsp. *loui* (Diers) Charles, 278  
   var. *barquitenis* Ritter, 278  
 krainziana Ritter, 279  
 laui Diers, 278  
 lembckeii invalid, 278  
 marginata (Salm-Dyck) Britton & Rose, 277  
 megarhiza Britton & Rose, 278  
 melanothrix Ritter, 279  
 mollicula Ritter, 278  
 montana Ritter, 278  
 olivana Ritter, 278  
 solaris (Ritter) Ritter, 277  
 Subgenus *Pilocopiapoa* (Ritter) Ritter, 277  
 tenebrosa Ritter, 278  
 totoralensis Ritter, 278  
 wagenknechtii invalid, 278  
 Coptis Salisbury, 343  
   asprenifolia Salisbury, 343  
   brachypetala Siebold & Zuccarini, 343  
   japonica (Thunberg) Makino, 343  
   var. *dissecta* (Yatabe) Nakai, 343  
   var. *major* (Miquel) Satake, 343  
   quinquefolia Miquel, 343  
   trifolia (Linnaeus) Salisbury, 343  
   subsp. *groenlandica* (Oeder) Hultén, 343  
 Coronaria flos-jovis (Linnaeus) Braun, 187  
   tomentosa Braun, 187  
 Corryocactus Britton & Rose, 219–220  
   brachypetalus (Vaupel) Britton & Rose, 220  
   brevistylus (Schumann) Britton & Rose, 220  
   erectus (Backeberg) Ritter, 220  
   melanotrichus (Schumann) Britton & Rose, 220  
   pulquinensis Cardenas, 220  
   squarrosus (Vaupel) Hutchison, 220  
 Corydalis Ventenat, 537–544  
   allenii Fedde, 539, 542  
   × *allenii* Irving, 539  
   ambigua Chamisso & Schlechtendahl, 539  
   var. *jezoensis* (Miquel) Anon., 539  
   angustifolia (Bieberstein) de Candolle, 539  
   aurea Willdenow, 544  
   bracteata (Stephan) Persoon, 539  
   bulbosa (Linnaeus) de Candolle, 539  
   subsp. *marschalliana* (Pallas) Chater, 541  
   *bulbosa* misapplied, 541  
   cashmeriana Royle, 541  
   cava (Linnaeus) Schweigger & Koerte, 541  
   ‘Albiflora’, 541  
   var. *albiflora* Anon., 541  
   chaerophylla de Candolle, 542  
   cheilanthifolia Hemsley, 542  
   claviculata (Linnaeus) de Candolle, 544  
   densiflora Presl & Presl, 539  
   diphylla Wallich, 541  
   elata Bureau & Franchet, 542  
   flexuosa Franchet, 542  
   ‘Balang Mist’, 542  
   ‘Blue Panda’, 542  
   ‘China Blue’, 542  
   ‘Pere David’, 542  
   ‘Purple Leaf’, 542

- glauca* (Curtis) Pursh, 539  
*jezoensis* Miquel, 539  
*longiflora* (Willdenow) Persoon, 539  
*lutea* (Linnaeus) de Candolle, 544  
*marschalliana* (Pallas) Persoon, 541  
*nobilis* (Linnaeus) Persoon, 542  
*ochroleuca* Koch, 544  
*omeiana* (Wu) Liden, 542  
*ophiocarpa* Hooker & Thomson, 542, 544  
*paczoskii* Busch, 539  
*popovii* Popov, 541  
*rupestris* Boissier, 542  
*rutifolia* (Sibthorp & Smith) de Candolle, 541  
*saxicola* Bunting, 544  
*schanginii* (Pallas) Fedtschenko, 539, 541  
*scouleri* Hooker, 542  
*sempervirens* (Linnaeus) Pursh, 539  
*sibirica* (Linnaeus filius) Persoon, 542  
*solida* (Linnaeus) Clairville, 539  
   'Alba', 539  
*thalictrifolia* Franchet, 544  
*tomentella* Franchet, 544  
*tomentosa* Brown, 544  
*tuberosa* de Candolle, 541  
*vaginans* Royle, 544  
*verticillaris* de Candolle, 541  
*wilsonii* Brown, 544
- Corylaceae, 56–57  
*Corylus* Linnaeus, 58–59  
   *americana* Marshall, 59  
   *avellana* Linnaeus, 59  
     'Aurea', 59  
     'Contorta', 59  
     'Pendula', 59  
     forma *aurea* Kirchner, 59  
     forma *pendula* Dippel, 59  
     var. *contorta* Bean, 59  
   *chinensis* Franchet, 58–59  
   *colurna* Linnaeus, 58  
     var. *chinensis* (Franchet) Burkhill, 58  
   *cornuta* Marshall, 59  
    *davidiana* Baillon, 58  
   *ferox* Wallich, 58  
     var. *tibetica* Franchet, 58  
   *heterophylla* Fischer & Trautvetter, 59  
   *jacquemontii* Decaisne, 58  
   *lacera* Wallich, 58  
   *maxima* Miller, 59  
     'Purpurea', 59  
     var. *purpurea* (Loudon) Rehder, 59  
   *rostrata* Aiton, 59  
     var. *sieboldiana* (Blume) Maximowicz, 59  
   *sieboldiana* Blume, 59  
     var. *mandshurica* (Maximowicz) Schneider, 59  
   *tibetica* Batalin, 58  
   *tuberosa* Willdenow, 59
- Corynopuntia* Knuth, 313  
   *emoryi* (Engelmann) Griffiths, 314  
   *invicta* (Brandege) Knuth, 314  
   *marenae* (Parsons) Griffith, 314
- Coryphantha* (Engelmann) Lemaire, 296–297  
   *alversonii* (Zeissold) Orcutt, 299  
   *asperispina* Boedeker, 299  
   *bisbeeana* Orcutt, 298  
   *bumamma* (Ehrenberg) Britton & Rose, 297  
   *calcarata* (Engelmann) Lemaire, 297  
   *chaffeyi* (Britton & Rose) Fosberg, 299  
   *clavata* (Scheidweiler) Backeberg, 297  
   *cornifera* (de Candolle) Lemaire, 297  
     var. *echinus* (Engelmann) Benson, 297  
   *deserti* (Engelmann) Britton & Rose, 298  
   *difficilis* (Quehl) Orcutt, 297  
   *duncanii* (Hester) Benson, 299  
   *durangensis* (Schumann) Britton & Rose, 296  
   *echinus* (Engelmann) Britton & Rose, 297  
   *elephantidens* (Lemaire) Lemaire, 297  
     subsp. *bumamma* (Ehrenberg) Dicht & Lüthy, 297  
     subsp. *elephantidens*, 297  
   *erecta* (Pfeiffer) Lemaire, 297  
   *glanduligera* (Otto) Lemaire, 297  
   *hesteri* Wright, 299  
   *macromeris* (Engelmann) Lemaire, 296  
     subsp. *runyonii* (Britton & Rose) Benson, 296  
   *maiz-tablasensis* Backeberg, 296–297  
   *marstonii* Clover, 299  
   *neomexicana* (Engelmann) Britton & Rose, 298  
   *odorata* Boedeker, 297  
   *pallida* Britton & Rose, 297  
   *pectinata* (Engelmann) Britton & Rose, 297  
   *poselgeriana* (Dietrich) Britton & Rose, 296–297  
   *radians* (de Candolle) Britton & Rose, 297  
   *ramillosa* Cutak, 297  
   *retusa* (Pfeiffer) Britton & Rose, 297  
   *rosea* Clokey, 298  
   Subgenus *Coryphantha*, 296  
   Subgenus *Neocoryphantha* Backeberg, 296  
   *sulcata* (Engelmann) Britton & Rose, 297  
   *sulcolanata* (Lemaire) Lemaire, 297  
   *varicolor* Tiegel, 298  
   *vivipara* (Nuttall) Britton & Rose, 298  
   *zilziana* Boedeker, 299
- Crambe* Linnaeus, 581  
   *cordifolia* Steven, 581  
   *juncea* Bieberstein, 581  
   *koktebelica* (Junge) N. Busch, 581  
   *kotschyana* Boissier, 581  
   *maritima* Linnaeus, 581  
   *orientalis* Linnaeus, 581  
   *tatarica* Sebeók, 581  
   *tatarica* Pallas, 581
- Cossonia africana* Durieu, 582  
   *platycarpa* Cosson, 582
- Crateva* Linnaeus, 546  
   *adansonia* de Candolle, 546  
   *religiosa* Forster filius, 546
- Cruciferae, 547–583  
*Cryophytum barklyi* (Brown) Brown, 141  
*crystallinum* (Linnaeus) Brown, 141  
*Cubeba officinalis* Miquel, 437  
*Cucubalus* Linnaeus, 188  
   *baccifer* Linnaeus, 188
- Cudrania* Trécul, 89  
   *tricuspidata* (Carrière) Bureau, 89
- Cumarinia* Buxbaum, 297  
   *odorata* (Boedeker) Buxbaum, 297
- Cumulopuntia* Ritter, 312  
   *boliviana* (Salm-Dyck) Ritter, 312  
   *sphaerica* (Foerster) Anderson, 312
- Cydocarpus paliurus* (Batalin) Iljinskaya, 20
- Cylindrophyllum* Schwantes, 149  
   *calamiforme* (Linnaeus) Schwantes, 149  
   *comptonii* Bolus, 149  
   *tugwelliae* Bolus, 149
- Cylindropuntia* (Engelmann) Knuth, 313  
   *imbricata* (Haworth) Knuth, 313  
   *leptocaulis* (de Candolle) Knuth, 313  
   *rosea* (de Candolle) Knuth, 313  
   *tunicata* (Lehmann) Knuth, 313
- Cysticapnos vesicarius* (Linnaeus) Fedde, 544
- Dactyloopsis* Brown, 141  
   *digitata* (Aiton) Brown, 141
- Daphnidium strychnifolium* Siebold & Zuccarini, 340
- Darlingtonia* Torrey, 505  
   *californica* Torrey, 505
- Debregeasia* Gaudichaud-Beaupré, 107  
   *longifolia* (Burman) Weddell, 107  
   *velutina* Gaudichaud-Beaupré, 107
- Decaisnea* Hooker & Thomson, 418–419  
   *fargesii* Franchet, 418–419
- Decarya* Choux, 317  
   *madagascariensis* Choux, 317
- Degenia* Hayek, 562  
   *velebitica* (Degen) Hayek, 562
- Delosperma* Brown, 152–154  
   *ashtonii* Bolus, 154  
   *cooperi* (Hooker) Bolus, 153–154  
   *echinatum* (Aiton) Schwantes, 153  
   *ecklonis* (Salm-Dyck) Schwantes, 153  
   *lehmannii* (Ecklon & Zeyher) Schwantes, 153  
   *litorale* (Kensit) Bolus, 153  
   *lydenburgense* Bolus, 153  
   *obtusum* Bolus, 153  
   *pergametaceum* Bolus, 153  
   *pruinatum* (Thunberg) Ingram, 153  
   *subpetiolatum* Bolus, 153  
   *sutherlandii* (Hooker) Brown, 153
- Delphinium* Linnaeus, 359–364  
   *aitchisonii* Huth, 360  
   *ajacis* Linnaeus, 364  
   *ajacis* misapplied, 364  
   *bicolor* Nuttall, 362  
   *brachycentrum* Ledebour, 360  
   *brunonianum* Royle, 360  
   *cardinale* Hooker, 362  
   *cashmerianum* Royle, 360  
   *caucasicum* Meyer, 360  
   *cheilanthum* Meyer, 360  
   *consolida* Linnaeus, 364  
   *delavayi* Franchet, 362  
   *denudatum* Hooker & Thomson, 360, 362  
   *elatium* Linnaeus, 360  
   *fissum* Waldstein & Kitaibel, 362  
   *formosum* Beaton, 360  
   *formosum* Boissier & Huet, 360  
   *grandiflorum* Linnaeus, 362  
   *huetianum* Meikle, 360  
   *jacquemontianum* Cambessedes, 360  
   *leroyi* Huth, 364  
   *maackianum* Regel, 360

- Delphinium Linnaeus (*continued*)  
 muscosum Exell & Hillcoat, 360  
 nudicaule Torrey & Gray, 362  
 nuttallianum Pritzell, 364  
 nuttallii Gray, 362, 364  
 orientalis Gay, 364  
 pylzowii Regel, 360  
 requienii de Candolle, 364  
 semibarbatum Boissier, 360  
 staphisagria Linnaeus, 364  
 tatsienense Franchet, 362  
 tricornis Michaux, 362  
 trolliifolium Gray, 362  
 virescens Nuttall, 362  
 wellbyi Hemsley, 364  
 zalil Aitchison, 360
- Dendromecon Benthams, 534  
 harfordii Kellogg, 534  
 rigida Benthams, 534  
 var. *harfordii* (Kellogg) Brandegees, 534
- Denmoza Britton & Rose, 246  
 erythrocephala (Schumann) Berger, 246  
 rhodacantha (Salm-Dyck) Britton & Rose, 246
- Dentaria bulbifera Linnaeus, 557  
 californica Nuttall, 557  
 digitata Lamarck, 557  
 enneaphyllos Linnaeus, 557  
 pinnata Lamarck, 557  
 polyphylla Walstein & Kitaibel, 557
- Derenbergia friedrichii (Dinter) Schwantes, 170
- Desmitis reticulata (Lindley) Rafinesque, 462
- Dianthus Linnaeus, 191–197  
 × ‘Allwoodii’, 194  
 ‘Allwoodii Alpinus’, 194  
 alpinus Linnaeus, 194  
 ‘Albus’, 194  
 anatolicus Boissier, 196  
 arboreus Linnaeus, 193  
 arenarius Linnaeus, 196  
 armeria Linnaeus, 192–193  
 × arvernensis Rouy & Foucaud, 197  
 atrorubens Allioni, 193  
 barbatus Linnaeus, 193  
 biflorus Sibthorp & Smith, 193  
 brachyanthus Boissier, 196  
 brevicaulis Fenzl, 194  
 caesioides Smith, 197  
 × calalpinus invalid, 194  
 callizonus Schott & Kotschy, 194  
 calocephalus Baldacci, 193  
 campestris Bieberstein, 194–195  
 capitatus de Candolle, 193  
 carthusianorum Linnaeus, 193  
 caryophyllus Linnaeus, 196  
 chinensis Linnaeus, 195  
 ‘Heddewigii’, 195  
 cruentus Grisebach, 193  
 deltoideus Linnaeus, 195  
 freynii Vandas, 194  
 fruticosus Linnaeus, 193  
 furcatus Balbis, 196  
 gallicus Persoon, 196  
 gelidus Schott, Nyman & Kotschy, 194  
 giganteus D’Urville, 193  
 glacialis Haenke, 194  
 gracilis Sibthorp & Smith, 195  
 graniticus Jordan, 197  
 gratianopolitanus Villars, 197  
 haematocalyx Boissier & Heldreich, 195  
 holzmannianus Heldreich & Haussknecht, 193  
 knappii (Pantocsek) Borbás, 193  
 lateritius Halacsy, 193  
 microlepis Boissier, 194  
 monspessulanus Linnaeus, 197  
 subsp. *sternbergii* (Sieber) Hegi, 197  
 myrtinervius Grisebach, 195  
 nardiformis Janka, 195  
 neglectus Loiseleur, 194  
 nitidus misapplied, 194  
 nitidus Waldstein & Kitaibel, 194  
 pavonius Tausch, 194  
 petraeus Waldstein & Kitaibel, 197  
 pindicola Vierhapper, 195  
 pinifolius Sibthorp & Smith, 193–194  
 plumarius Linnaeus, 196  
 pungens Linnaeus, 196  
 roysii of gardens, 194  
 sanguineus Visiani, 193  
 saxifragus Linnaeus, 197  
 scardicus Wettstein, 194  
 Section Barbulatum Williams, 194  
 Section Caryophyllum, 195  
 Section Plumaria Opiz, 196  
 seguierii Villars, 195  
 serratus Lapeyrouse, 196  
 spiculifolius Schur, 197  
 squarrosus Bieberstein, 196  
 sternbergii Sieber, 197  
 strictus misapplied, 197  
 subcaulis Villars, 196  
 Subgenus Armeriastrum Seringe, 192  
 Subgenus Caryophyllum Seringe, 193  
 superbus Linnaeus, 196–197  
 sylvaticus Hoppe, 195  
 sylvestris Wulfen, 195–196  
 subsp. *siculus* (Presl) Tutin, 196  
 tenuifolius Schur, 193  
 zonatus Fenzl, 194
- Dicentra Bernhardtii, 535–537  
 canadensis (Goldie) Walpers, 537  
 chrysantha (Hooker & Arnott) Walpers, 536  
 cucullaria (Linnaeus) Bernhardtii, 537  
 eximia (Ker) Torrey, 536  
 formosa (Haworth) Walpers, 536  
 ‘Alba’, 536  
 subsp. *oregana* (Eastwood) Munz, 536  
 macrantha Oliver, 536  
 macrocapnos Prain, 537  
 nevadensis Eastwood, 536  
 ochroleuca Engelmann, 536  
 pauciflora Watson, 537  
 peregrina (Rudolph) Makino, 536–537  
 var. *pusilla* (Siebold & Zuccarini) Makino, 536  
 pusilla Siebold & Zuccarini, 536  
 spectabilis (Linnaeus) Lemaire, 536  
 Subgenus Dactylicapnos (Wallich) Stern, 537  
 uniflora Kellogg, 537
- Dicranostigma Hooker & Thompson, 532  
 franchetianum (Prain) Fedde, 532  
 lactucoides Hooker & Thomson, 532  
 leptopodium (Maximowicz) Fedde, 532
- Didierea Baillon, 318–319  
 ascendens Drake, 318  
 madagascariensis Baillon, 318–319  
 mirabilis Baillon, 318  
 procera Drake, 318  
 trollii Capuron & Rauh, 318
- Didiereaceae, 317–319
- Didymaotus Brown, 167  
 lapidiformis (Marloth) Brown, 167
- Dillenia Linnaeus 442  
 indica Linnaeus, 442  
 philippinensis Rolfe, 442  
 procumbens Labillardiere, 444  
 scandens Willdenow, 444  
 speciosa misapplied, 444  
 speciosa Thunberg, 442  
 volubilis Ventenat, 444
- Dilleniaceae, 442–444
- Dinteranthus Schwantes, 164–165  
 inexpectatus Jacobsen, 164  
 microspermus (Dinter & Derenberg)  
 Derenburg subsp. *microspermus*, 164  
 subsp. *puberulus* (Brown) Sauer, 164  
 pole-evansii (Brown) Schwantes, 165  
 puberulus Brown, 164  
 punctatus Bolus, 164  
 vanzylii (Bolus) Schwantes, 164–165  
 wilmotianus Bolus, 164  
 subsp. *impunctatus* Sauer, 164  
 subsp. *wilmotianus*, 164
- Dionaea Ellis, 515  
 muscipula Ellis, 515
- Dioscoreophyllum Engler, 421  
 cumminsii (Stapf) Diels, 421
- Diphylleia Michaux, 417  
 cymosa Michaux, 417
- Discocactus Pfeiffer, 264  
 albispinus Buining & Brederoo, 264  
 araneispinus Buining & Brederoo, 264  
 bahiensis Britton & Rose, 264  
 boomianus Buining & Brederoo, 264  
 hartmannii (Schumann) Britton & Rose, 264  
 heptacanthus (Rodrigues) Britton & Rose, 264  
 horstii Buining & Brederoo, 264  
 latispinus Buining & Brederoo, 264  
 magnimammus Buining & Brederoo, 264  
 mamillosus Buining & Brederoo, 264  
 patulifolius Buining & Brederoo, 264  
 placentiformis (Lehmann) Schumann, 264  
 tricornis Pfeiffer, 264  
 woutersianus Brederoo & Vandenbroeck, 264  
 zehntneri Britton & Rose, 264
- Disocactus Lindley, 231  
 flagelliformis (Linnaeus) Barthlott, 231  
 martianus (Zuccarini) Barthlott, 231  
 phyllanthoides (de Candolle) Barthlott, 231  
 ramulosus (Salm-Dyck) Kimmach, 232  
 speciosus (Cavanilles) Barthlott, 231
- Distegocarpus carpinus Siebold & Zuccarini, 57  
 laxiflorus Siebold & Zuccarini, 56

## INDEX

611

- Dolichothele baumii* (Boedeker) Werdermann & Buxbaum, 302  
*longimamma* (de Candolle) Britton & Rose, 302  
*sphaerica* (Dietrich) Britton & Rose, 302  
*surculosa* (Boedeker) Buxbaum, 302  
*uberiformis* (Zuccarini) Britton & Rose, 302
- Dorotheanthus* Schwantes, 173–174  
*bellidiformis* (Burman) Brown, 174  
*gramineus* (Haworth) Schwantes, 174  
*hallii* Bolus, 174  
*maughanii* Brown, 173–174  
 var. *maughanii*, 174  
 var. *stayneri* Bolus, 174  
*tricolor* (Willdenow) Bolus, 174
- Dorstenia* Linnaeus, 89–91  
*argentata* Hooker, 91  
*arifolia* Lamarck, 90  
*barteri* var. *multiradiata* (Engler) Hijman & Berg, 90  
*contrajerva* Linnaeus, 90  
*convexa* De Wildemann, 91  
*erecta* Vellozo, 91  
*foetida* (Forsskål) Schweinfurth, 90–91  
*hildebrandtii* Engler, 90  
*hirta* Desvaux, 91  
*multiradiata* Engler, 90  
*psilurus* Welwitsch, 90  
*urceolata* Schott, 91  
 ‘*Variegata*’, 91  
*yambuyaensis* De Wildeman, 90
- Draba* Linnaeus, 568–572  
*aizoides* Linnaeus, 569  
*aizoon* Wahlenberg, 569  
*arabisans* Michaux, 571  
*aramata* Schott, Nyman & Kotschy, 569  
*aspera* Bertoloni, 569  
*atlantica* Pomel, 570  
*bertolonii* Nyman, 569  
*brunifolia* Steven, 570  
*bryoides* de Candolle, 570  
*cappadocica* Boissier & Bolansa, 570–571  
*compacta* Schott, Nyman & Kotschy, 569  
*crassifolia* R.C. Graham, 571–572  
*cuspidata* Bieberstein, 569  
*dedeana* Boissier & Reuter, 570  
*doerfleri* Wettstein, 568  
*elongata* Host, 569  
*glacialis* Adams, 570  
*haynaldii* Stur, 570  
*hispanica* Boissier, 570  
*incana* Linnaeus, 571  
*incerta* Payson, 570  
*lasiocarpa* Rochel, 569  
*longirostra* Schott, Nyman & Kotschy, 569  
*longisiliqua* Schmalhausen, 571  
*mollissima* Steven, 571  
*norvegica* Gunnerus, 571  
*oligosperma* Hooker, 570  
 var. *pilosa* (Regal) Schulz, 570  
*oreadum* Maire, 571  
*parnassica* Boissier & Heldreich, 569–570  
*polytricha* Ledebour, 570  
*pyrenaica* Linnaeus, 572  
*reuteri* Boissier & Huet, 570  
*rigida* Willdenow, 570  
 var. *bryoides* (de Candolle) Boissier, 570
- rosularis* Boissier, 571  
*rupestris* R. Brown, 571  
 × *salamonii* Sündermann, 570  
*sauteri* Hoppe, 569  
*sibirica* (Pallas) Thellung, 570  
*stellata* Jacquin, 571  
*tomentosa* Clairville, 571  
*ussuriensis* Pohle, 571
- Drimys* Forster & Forster, 330  
*andina* invalid, 330  
*aromatica* (Brown) Mueller, 330  
*aromatica* Murray, 330  
*axillaris* Forster & Forster, 331  
*chilense* de Candolle, 330  
*colorata* Raoul, 331  
*lanceolata* (Poiret) Baillon, 330  
*latifolia* invalid, 330  
*winteri* Forster & Forster, 330  
 var. *andina* Reiche, 330  
 var. *chilense* (de Candolle) Gray, 330  
 var. *latifolia* Miers, 330  
 var. *punctata* (Lamarck) de Candolle, 330  
 var. *winteri*, 330
- Drosanthemum* Schwantes, 154  
*ambiguum* Bolus, 154  
*archeri* Bolus, 154  
*bellum* Bolus, 154  
*floribundum* Schwantes, 154  
*hallii* Bolus, 154  
*hispidum* (Linnaeus) Schwantes, 154  
*kolbei* invalid, 152  
*micans* (Linnaeus) Schwantes, 154  
*speciosum* (Haworth) Schwantes, 154  
*splendens* Bolus, 154
- Drosera* Linnaeus, 515–520  
*adelae* F. von Mueller, 518  
*aliciae* Hamet, 519  
*anglica* Hudson, 518  
*auriculata* Planchon, 517  
*binata* Labillardière, 517–518  
 ‘*Dichotoma Giant*’, 518  
 ‘*Multifida*’, 518  
 ‘*Multifida Extrema*’, 518  
 ‘*Multifida Pink*’, 518  
*brevifolia* Pursh, 519–520  
*burkeana* Planchon, 519  
*burmannii* Vahl, 518  
*callistos* Marchant & Lowrie, 517  
*capensis* Linnaeus, 518–519  
*capillaris* Poiret, 519  
*cistiflora* Linnaeus, 516  
*cuneifolia* Linnaeus filius, 519  
*curviscapa* Salter, 519  
*dichotoma* Smith, 517  
*dichrosepala* Turczaninow, 517  
*erythrorhiza* Lindley, 516–517  
 subsp. *collina* Marchant & Lowrie, 517  
 subsp. *erythrorhiza*, 517  
 subsp. *magna* Marchant & Lowrie, 517  
 subsp. *squamosa* (Bentham) Marchant & Lowrie, 517  
*filiformis* Rafinesque, 518  
 var. *typica* Wayne, 518  
*glabripes* (Planchon) Stein, 519  
*indica* Linnaeus, 442  
*intermedia* Hayne, 518
- longifolia* Linnaeus, in part, 518  
*montana* Saint-Hilaire, 519  
 × *obovata* Mertens & Koch, 518  
*paleacea* de Candolle, 517  
*pauciflora* de Candolle, 516  
*pedata* Persoon, 517  
*peltata* Thunberg, 517  
*pygmaea* de Candolle, 517  
*regia* Stephens, 518  
*rotundifolia* Linnaeus, 518  
*scorpioides* Planchon, 517  
*scorpioides* misapplied not Planchon, 517  
*slackii* Cheek, 519  
*spathulata* Labillardière, 520  
 ‘*Kansai*’, 520  
 ‘*Kanto*’, 520  
*villosa* Saint-Hilaire, 519
- Droseraceae, 514–520
- Drosophyllum* Link, 520  
*lusitanicum* (Linnaeus) Link, 520
- Dulacia* Vellozo, 122  
*inopiflora* (Miers) Kuntze, 122
- Dysosma* Woodson, 417  
*aurantiacaule* (Handel-Mazzetti) Hu, 417  
*delavayi* Franchet, 418  
*difformis* (Hemsley & B Wilson) Wang, 418  
*pleiantha* (Hance) Woodson, 418  
*tsayuensis* Ying, 418  
*veitchii* Hemsley & Wilson, 418
- Eberlanzia* Schwantes, 143  
*spinosa* (Linnaeus) Schwantes, 143
- Ebracteola* Dinter & Schwantes, 152  
*montis-moltkei* (Dinter) Dinter & Schwantes, 152
- Echinocactus* Link & Otto, 279–280  
*alamosanus* Britton & Rose, 295  
*anfractuosus* Pfeiffer, 296  
*apricus* Arechavaleta, 272  
*arechavaletai* Spegazzini, 271  
*arrigens* Dietrich, 295  
*asterias* Zuccarini, 280  
*beguinii* var. *senilis* Josefski, 286  
*bicolor* Pfeiffer, 285  
*bolaensis* Runge, 285  
*bridgesii* Pfeiffer, 277  
*caespitosus* Spegazzini, 272  
*capricornis* Dietrich, 280  
*cataphractus* Dams, 276  
*cinerascens* Salm-Dyck, 277  
*cinereus* Philippi, 278  
*cinnabarinus* Hooker, 254  
*chilensis* Schumann, 266  
*chlorophthalmus* Hooker, 227  
*chrysacanthion* Schumann, 269  
*chrysacanthus* Orcutt, 294  
*colombianus* Werdermann, 275  
*columnaris* Pfeiffer, 277  
*concinus* Monville, 272  
 var. *tabularis* Ruempler, 272  
*conothelos* Regel & Klein, 285  
*coptonogonus* Lemaire, 295  
*coquimbanus* Ruempler, 278  
*crispatus* de Candolle, 295  
*cupreatus* Hildmann, 277  
*denudatus* Link & Otto, 261

- Echinocactus* Link & Otto (*continued*)  
*dichroacanthus* Pfeiffer, 296  
*diguetii* Weber, 295  
*echidne* de Candolle, 292  
*echinoides* Salm-Dyck, 277  
*ehrenbergii* Pfeiffer, 285  
*electracanthus* Lemaire, 293  
 var. *haematacanthus* Salm-Dyck, 293  
*emoryi* Engelm., 295  
 var. *rectispinus* Engelm., 295  
*erectocentrus* Coulter, 283  
*eyriesii* Turpin, 252  
*flavovirens* Scheidweiler, 292  
*floricomus* Arechavaleta, 273  
*fjordii* Orcutt, 294  
*fossulatus* Scheidweiler, 286  
*gielsdorfianus* Werdermann, 287  
*gladiatus* Link & Otto, 296  
*glaucescens* de Candolle, 292  
*glaucus* Schumann, 283  
*gracillimus* Lemaire, 275  
*graessneri* Schumann, 271  
*grahlianus* Schumann, 275  
*grandicornis* (Lemaire) Britton & Rose, 296  
*grandis* Rose, 279  
*grusonii* Hildmann, 279  
*guerraianus* Backeberg, 295  
*hamatacanthus* Muehlenpfordt, 293  
*hartmannii* Schumann, 264  
*herteri* Werdermann, 273  
*hamatacanthus* Muehlenpfordt, 293  
*heterochromus* Weber, 285  
*hexaedrophorus* Lemaire, 286  
*histris* de Candolle, 293  
*horizontalonius* Lemaire, 279  
 var. *nicholii* Benson, 279  
*humilis* Philippi, 278  
*ingens* Zuccarini, 279  
 × *iphacanthus* Miquel, 296  
*intertextus* Engelm., 283  
*iphacanthus* Miquel, 296  
*johnsonii* Engelm., 283  
*knippelianus* Quehl, 275  
*knuthianus* Boedeker, 287  
*lamellosus* Dietrich, 295  
*lancifer* Dietrich, 295  
*lecontei* Engelm., 294  
*leninghausii* Schumann, 271  
*leucacanthus* Pfeiffer, 285  
*lophothele* Salm-Dyck, 286  
*macdowellii* Quehl, 285  
*macrodiscus* Martius, 293  
 var. *multiflorus* Meyer, 293  
*malletianus* Salm-Dyck, 279  
*mammulosus* Lemaire, 273  
*mandragora* Berger, 286  
*marginatus* Salm-Dyck, 277  
*megapotamicus* Osten, 272  
*melocactiformis* de Candolle, 293  
*microspermus* Spegazzini, 268  
 var. *erythranthus* Spegazzini, 268  
*mirbelii* Lemaire, 280  
*monvillei* Lemaire, 261  
*mostii* Guerke, 262  
*multicostatus* Schumann, 295  
*multiflorus* Hooker, 261  
*obvallatus* de Candolle, 295  
*ornatus* de Candolle, 280  
*orcuttii* Engelm., 294  
*ottonis* var. *tortuosus* (Link & Otto) Haage, 272  
*oxygonus* Link, 252  
*palmeri* Rose, 279  
*pectinatus* Scheidweiler, 226  
*peninsulæ* Weber, 293  
*pentacanthus* Lemaire, 295  
*pentlandii* Hooker, 254  
*phyllacanthus* Dietrich & Otto, 296  
*piliferus* Ehrenberg, 294  
*pilosus* Salm-Dyck, 294  
 var. *pringlei* Coulter, 294  
 var. *stainesti* Salm-Dyck, 294  
*platyacanthus* Link & Otto, 279  
*polyancistrus* Engelm. & Bigelow, 284  
*pottsii* Salm-Dyck, 294  
*pulcherrimus* Arechavaleta, 275  
*pumilus* Lemaire, 275  
*pygmaeus* Spegazzini, 275  
 var. *phaeodiscus* Spegazzini, 276  
*rafaelensis* Purpus, 292  
*reichei* Schumann, 266  
*reichenbachii* Walpers, 228  
*rhodophthalmus* Hooker, 285  
*rinconensis* Poselger, 286  
*ritteri* Boedeker, 281  
*robustus* Pfeiffer, 293  
*roseanus* Boedeker, 298  
*saueri* Boedeker, 287  
*scheeri* Salm-Dyck, 282  
*schilinzkyanus* Schumann, 275  
*schmiedickeanus* Boedeker, 287  
*schumannianus* Nicolai, 270  
*schwebsianus* Werdermann, 270  
*scopa* forma *haselbergii* Ruempler, 271  
*setispinus* Engelm., 284  
*simpsonii* Engelm., 281  
*sinuatus* Dietrich, 293  
*smithii* Muehlenpfordt, 286  
*spiralis* Pfeiffer, 293  
*stuemeri* Werdermann, 270  
*streptocaulon* Hooker, 277  
*strobiliformis* Poselger, 298  
*submammosus* Lemaire, 273  
*sulphureus* Dietrich, 296  
*tenuispinus* Link & Otto, 271  
*tetraxiphus* Schumann, 296  
*texasensis* Hopfner, 279–280  
*tortuosus* Link & Otto, 272  
*tricuspidatus* Scheidweiler, 296  
*tulensis* Poselger, 285  
*uncinatus* Galeotti, 282  
*unguispinus* Engelm., 282  
*uruguayensis* Arechavaleta, 260  
*vaupelianus* (Werdermann) Backeberg & Knuth, 296  
*victoriensis* Rose, 292  
*viereckii* Werdermann, 287  
*violaciflorus* (Quehl) Britton & Rose, 295  
*viridescens* Torrey & Gray, 294  
 var. *cylindraceus* Engelm., 294  
*visnaga* Hooker, 279  
*wagnerianus* Berger, 285  
*williamsii* Salm-Dyck, 289  
*wippermannii* Muehlenpfordt, 296  
*Echinocereus* Engelm., 225–229  
*adustus* Engelm., 228–229  
 subsp. *adustus*, 229  
 subsp. *schwarzii* (Lau) Taylor, 229  
*armatus* (Poselger) Berger, 228  
*baileyi* Rose, 228  
*berlandieri* (Engelm.) Haage, 227  
*blan(c)kii* misapplied, 227  
*bonkeræ* Thornber & Bonker, 226  
*boyce-thompsonii* Orcutt, 226  
*bristolii* Marshall, 228  
*caespitosus* (Engelm.) Engelm., 228  
*chloranthus* (Engelm.) Haage, 227  
 var. *cylindricus* (Engelm.) Taylor, 227  
*cinerascens* (de Candolle) Lemaire, 227  
 subsp. *tulensis* (Bravo) Taylor, 227  
*coccineus* Engelm., 227  
*ctenoides* Engelm., 226  
*cucumis* Werdermann, 227  
*dasyacanthus* Engelm., 226  
*davisii* Houghton, 227  
*engelmannii* (Engelm.) Lemaire, 226  
*enneacanthus* Engelm., 227  
 subsp. *brevispinus* (Moore) Taylor, 227  
 subsp. *enneacanthus*, 227  
 var. *stramineus* (Engelm.) Benson, 227  
*fasciculatus* (Jackson) Benson, 226  
 var. *bonkeræ* (Thornber & Bonker) Benson, 226  
*fendleri* (Engelm.) Ruempler, 226  
 var. *fasciculata* (Jackson) Taylor, 226  
 subsp. *fendleri*, 226  
 var. *ledingii* (Peebles) Taylor, 226  
 subsp. *rectispinus* (Peebles) Benson, 226  
*fitchii* Britton & Rose, 228  
*gentryi* Clover, 227  
*knippelianus* Liebner, 229  
*loui* Frank, 229  
*ledingii* Peebles, 226  
*leonensis* Mathsson, 227  
*luteus* Britton & Rose, 228  
*melanocentrus* Lowry, 228  
*merkeri* Schumann, 227  
*ochoterena* Ortega, 228  
*papillosus* Ruempler, 226  
 var. *angusticeps* (Clover) Marshall, 226  
*pectinatus* (Scheidweiler) Engelm., 226  
 var. *dasyacanthus* (Engelm.) Taylor, 226  
 var. *pectinatus* misapplied, 228  
 var. *rubispinus* Frank & Lau, 228  
*pentalophus* (de Candolle) Lemaire, 227–228  
 subsp. *leonensis* (Mathsson) Taylor, 227  
*perbellus* Britton & Rose, 228  
*polyacanthus* Engelm., 226  
*poselgeri* Lemaire, 228  
*pulchellus* (Martius) Seitz, 228  
*purpureus* Lahman, 228  
*radians* Engelm., 228  
*rectispinus* Peebles, 226  
*reichenbachii* (Walpers) Haage, 228  
 var. *albispinus* (Lahman) Benson, 228  
 subsp. *armatus* (Poselger) Taylor, 228  
 subsp. *baileyi* (Rose) Taylor, 228  
 subsp. *fitchii* (Britton & Rose) Benson, 228



- subsp. *perbellus* (Britton & Rose) Benson, 228  
 subsp. *reichenbachii*, 228  
*rigidissimus* (Engelmann) Haage, 228  
 subsp. *rubispinus* (Frank & Lau) Taylor, 228  
*rosei* Wooten & Standley, 227  
*russanthus* Weniger, 227  
*salm-dyckianus* Scheer, 227  
*scheeri* (Salm-Dyck) Scheer, 227  
 var. *gentryi* (Clover) Taylor, 227  
*schwarzii* Lau, 228  
*stoloniferus* Marshall, 228  
*stramineus* (Engelmann) Ruempler, 227  
*subinermis* Scheer, 228  
 subsp. *ochoterenae* (Ortega) Taylor, 228  
*tayopensis* Marshall, 228  
*triglochidiatus* Engelmann, 226–227  
 var. *melanacanthus* (Engelmann) Benson 'Inermis', 227  
 subsp. *mojavensis* (Engelmann & Bigelow) Blume & Lange, 227  
*tulensis* Bravo, 227  
*viridiflorus* Engelmann, 227  
 subsp. *chloranthus* (Engelmann) Taylor, 227  
 subsp. *cylindricus* (Engelmann) Taylor, 227  
 subsp. *davisii* (Houghton) Taylor, 227  
 var. *cylindricus* (Engelmann) Ruempler, 227  
*Echinofossulocactus albatrus* misapplied, 296  
*arrigens* (Dietrich) Britton & Rose, 295  
*bustamentei* Croizat, 295  
*caespitosus* Backeberg, 295  
*coptonogonus* (Lemaire) Lawrence, 295  
*grandicornis* (Lemaire) Britton & Rose, 296  
 × *iphacanthus* (Miquel) Backeberg, 296  
*lamellosus* (Dietrich) Britton & Rose, 295  
*lexarzae* Croizat, 295  
*lloydii* Britton & Rose, 286  
*multicostatus* (Schumann) Britton & Rose, 295  
*ochoterenaus* (Tiegel) Whitmore, 295  
*phyllacanthus* (Dietrich & Otto) Lawrence, 296  
*sulphureus* (Dietrich) Ito, 296  
*vaupelianus* (Werdermann) Whitmore, 296  
*violaciflorus* (Quehl) Britton & Rose, 295  
*Echinomastus acunensis* Marshall, 283  
*dosyacanthus* (Engelmann) Britton & Rose, 283  
*durangensis* (Runge) Britton & Rose, 282  
*erectocentrus* (Coulter) Britton & Rose, 283  
*intertextus* (Engelmann) Britton & Rose, 283  
*johnsonii* (Engelmann) Baxter, 283  
*loui* Frank & Zecher, 282  
*macdowellii* (Quehl) Britton & Rose, 285  
*mapimiensis* Backeberg, 282  
*mariposensis* Hester, 283  
*unquispinus* (Engelmann) Britton & Rose, 282  
*warnockii* (Benson) Glass & Foster, 283  
*Echinopsis* Zuccarini, 249–255  
*albispinosa* Schumann, 252  
*ancistrophora* Spegazzini, 253  
*andalgalensis* invalid, 252  
*arachnacantha* (Buining & Ritter) Friedrich, 253  
*atacamensis* (Philippi) Friedrich & Rowley  
 subsp. *pasacana* (Ruempler) Navarro, 251  
*aurea* Britton & Rose, 254–255  
*ayopayana* Ritter & Rausch, 253  
*backebergii* Werdermann, 254  
*bridgesii* Salm-Dyck subsp. *vallegrandis* (Cárdenas) Lowry, 253  
*bruchii* (Britton & Rose) Friedrich & Glaetzel, 254  
*cachensis* Spegazzini, 255  
*calochlora* Schumann, 252  
*calorubra* Cardenas, 253  
*campylacantha* Pfeiffer, 252  
*chamaecereus* Friedrich & Rowley, 255  
*chiloensis* (Colla) Friedrich & Rowley, 251  
*chrysantha* Werdermann, 255  
*cinnabarina* (Hooker) Labouret, 254  
*comarapana* Cardenas, 253  
*coquimbana* (Molina) Friedrich & Rowley, 251  
*cristata* Salm-Dyck, 253  
*culpinensis* invalid, 254  
*densispina* Werdermann, 255  
*deserticola* (Werdermann) Friedrich & Rowley, 251  
*ducis-pauli* misapplied, 253  
*eyriesii* (Turpin) Pfeiffer & Otto, 252  
*famatimensis* (Spegazzini) Werdermann, 255  
*ferox* (Britton & Rose) Backeberg, 253  
*fiebrigii* Guerke, 253  
*formosa* (Pfeiffer) Salm-Dyck, 253–254  
 subsp. *bruchii* (Britton & Rose) Lowry, 254  
 subsp. *formosa*, 254  
*frankii* invalid, 253  
*fulvilana* (Ritter) Friedrich & Rowley, 251  
*gigantea* Meyer, 251  
*hamatacantha* Backeberg, 253  
*hertrichiana* (Backeberg) Hunt, 254  
*huascha* (Weber) Friedrich & Rowley, 252  
*kermesina* Krainz, 253  
*korethroides* Werdermann, 254  
*kratochviliana* Backeberg, 253  
*kuehnrchii* (Fric) Friedrich & Glaetzel, 255  
*lageniformis* (Foerster) Friedrich & Rowley, 251  
*lamprochlorus* (Lemaire) Friedrich & Glaetzel, 251  
*lecoriensis* Cardenas, 253  
*leucantha* (Salm-Dyck) Walpers, 252–253  
*leucorhodantha* Backeberg, 253  
*litoralis* (Johow) Friedrich & Rowley, 251  
*longispina* (Britton & Rose) Backeberg, 253  
*macrogonia* (Salm-Dyck) Friedrich & Rowley, 251  
*mamillosa* Guerke, 253  
 var. *kermesina* (Krainz) Friedrich, 253  
 var. *ritteri* (Boedeker) Ritter, 253  
*marsoneri* Werdermann, 255  
*maximiliana* Heyder, 254  
*millarensis* invalid, 254  
*mirabilis* Spegazzini, 250–251  
*multiplex* (Pfeiffer) Pfeiffer & Otto, 252  
*nigra* Backeberg, 253  
*obrepanda* (Salm-Dyck) Schumann, 253  
 var. *fiebrigii* (Guerke) Friedrich, 253  
*oxygona* (Link) Pfeiffer & Otto, 252  
*pachanoi* (Britton & Rose) Friedrich & Rowley, 251  
*pasacana* (Ruempler) Friedrich, 251  
*pecheretianus* (Backeberg) Friedrich & Rowley, 252  
*pelecyrhachis* Backeberg, 253  
*pentlandii* (Hooker) Salm-Dyck, 254  
*perezianus* Cardenas, 253  
*peruviana* (Britton & Rose) Friedrich & Rowley, 251  
*polyancistra* Backeberg, 253  
*pugionacantha* Rose & Boedeker, 254  
*rhodotricha* Schumann, 252  
*rowleyi* Friedrich, 252  
*saltensis* Spegazzini, 255  
*schickendantzii* Weber, 252  
*schieliana* (Backeberg) Hunt, 255  
*schreiteri* (Castellanos) Werdermann, 255  
*shaferei* Britton & Rose, 252  
*silvestrii* Spegazzini, 252  
*spachiana* (Lemaire) Friedrich & Rowley, 251–252  
*spgazziniana* Britton & Rose, 252  
*spiniflora* (Schumann) Berger, 250  
*strigosa* (Salm-Dyck) Friedrich & Rowley, 252  
*subdenudata* Cárdenas, 253  
*tacaquirensis* (Vaupel) Friedrich & Rowley, 251  
*tarijensis* (Vaupel) Friedrich & Rowley, 253  
*tegeleriana* (Backeberg) Hunt, 254  
*terscheckii* (Pfeiffer) Friedrich & Rowley, 251  
*thelegona* (Schumann) Friedrich & Rowley, 252  
*thelegonoides* (Spegazzini) Friedrich & Rowley, 252  
*thionantha* (Spegazzini) Werdermann, 250  
*toralapana* Cardenas, 253  
*torrecillasensis* Cardenas, 253  
*tubiflora* (Pfeiffer) Schumann, 252  
*turbinata* (Pfeiffer) Pfeiffer & Otto, 252  
*walteri* (Kiesling) Friedrich & Glaetzel, 254  
*werdermanniana* (Backeberg) Friedrich & Rowley, 251  
*Elatostema pulchra* (Brown) Hall, 106  
*repens* (Loureiro) Hall, 106  
*Elodes palustris* Spach, 500  
*Embothrium* Forster & Forster, 116  
*coccineum* Forster & Forster, 116  
 var. *lanceolatum* (Ruiz & Pavón) Kuntze, 116  
*lanceolatum* Ruiz & Pavón, 116  
*longifolium* invalid, 116  
*speciosissimum* Smith, 116  
*Encephalocarpus strobiliformis* (Werdermann) Berger, 300  
*Enemion biternatum* Rafinesque, 349  
*Eomecon* Hance, 532  
*chionantha* Hance, 532  
*Epimedium* Linnaeus, 410–414  
*acurainatum* Franchet, 414  
*alpinum* Linnaeus, 411  
 var. *rubrum* (Morren) Hooker, 412  
*brevicornu* Maximowicz, 414  
 × *cantabrigiense* Stearn, 412  
*citrinum* Baker, 413  
*continuum* Vatke, 413

- Epimedium* Linnaeus (*continued*)  
*cremeum* Nakai, 412  
*dauidii* Franchet, 413–414  
*diphyllum* Graham, 413  
*grandiflorum* Morren, 412  
 ‘Rose Queen’, 412  
 forma *flavescens* Stearn, 412  
 forma *grandiflorum*, 412  
 forma *violaceum* (Morren) Stearn, 412  
*koreanum* Nakai, 412  
*lilacinum* Donckelaar, 413  
*longifolium* Decaisne, 412  
*macranthum* Morren & Decaisne, 412  
*musschianum* misapplied, 413  
*niveum* Vilmorin-Andrieux, 413  
 × *perralchicum* Stearn, 411  
*perralderianum* Cosson, 411  
*pinnatum* de Candolle,  
 subsp. *colchicum* (Boissier) Busch, 411  
 subsp. *pinnatum*, 411  
 var. *sulphureum* (Morren) Bergmans, 413  
*pubescens* Maximowicz, 414  
*pubigerum* (de Candolle) Morren & Decaisne,  
 412  
*roseum* Vilmorin-Andrieux, 413  
 × *rubrum* Morren, 412  
*sagittatum* (Siebold & Zuccarini) Maximowicz,  
 414  
*sempervirens* Nakai, 413  
*sulphurellum* Nakai, 412  
*sulphureum* Morren, 413  
*trifoliolobinatum* (Koidzumi) Koidzumi, 413  
 × *versicolor* Morren, 413  
 ‘Neosulphureum’, 413  
 ‘Sulphureum’, 413  
 ‘Versicolor’, 413  
 × *warleyense* Stearn, 412  
 × *youngianum* Fischer & Meyer, 413  
 ‘Niveum’, 413  
 ‘Roseum’, 413  
 ‘Yenomoto’, 413  
 ‘Youngianum’, 413  
*Epiphyllum* Haworth, 230–231  
*anguliger* (Lemaire) Don, 231  
*chrysocardium* Alexander, 230  
*crenatum* (Lindley) Don, 230–231  
*darrahii* (Schumann) Britton & Rose, 231  
*hookeri* Haworth, 231  
*oxypetalum* (de Candolle) Haworth, 230  
*phyllanthus* (Linnaeus) Haworth, 231  
*pumilum* (Vaupel) Britton & Rose, 230  
*russellianum* Hooker, 235  
*truncatum* Haworth, 235  
*Epithelantha* Britton & Rose, 290–291  
*bokai* Benson, 291  
*micromeris* (Engelmann) Britton & Rose,  
 290–291  
 var. *bokai* (Benson) Glass & Foster, 291  
 subsp. *greggii* (Engelmann) Taylor, 291  
 subsp. *micromeris*, 291  
 subsp. *pachyrhiza* (Marshall) Taylor, 291  
 subsp. *polycephala* (Backeberg), 291  
 subsp. *unguispina* (Boedeker) Taylor,  
 291  
*polycephala* Backeberg, 291  
*Eranthis* Salisbury, 348  
*cilicicus* Schott & Kotschy, 348  
*hyemalis* (Linnaeus) Salisbury, 348  
*pinnatifida* Maximowicz, 348  
*sibirica* de Candolle, 348  
 × *tubergenii* Hoog, 348  
*Ercilla* Jussieu, 133  
*spicata* (Hooker & Arnott) Moquin, 133  
*volubilis* Jussieu, 133  
*Erdisia erecta* Backeberg, 220  
*squarrosa* (Vaupel) Britton & Rose, 220  
*Eremanthe patula* (Thunberg) K. Koch, 481  
*Erepisia* Brown, 155  
*lacera* (Haworth) Leide, 155  
*pillansii* (Kensit) Leide, 155  
*Eriocactus ampliocostatus* Ritter, 270  
*claviceps* Ritter, 270–271  
*grossei* (Schumann) Backeberg, 270  
*leninghausii* (Schumann) Backeberg, 271  
*magnificus* Ritter, 271  
*schumannianus* (Nicolai) Backeberg, 270  
*warasii* Ritter, 271  
*Eriocereus jusbertii* (Schumann) Riccobono, 248  
*martinii* (Labouret) Riccobono, 249  
*pomanensis* (Weber) Riccobono, 249  
*Eriogonum* Michaux, 124–125  
*caespitosum* Nuttall, 124–125  
 subsp. *douglasii* (Benth) Stokes, 125  
*compositum* Benth, 125  
*douglasii* Benth, 125  
*fasciculatum* Benth, 125  
*niveum* Benth, 125  
*ovalifolium* Nuttall, 125  
 subsp. *vineum* (Small) Stokes, 125  
 var. *purpureum* (Nuttall) Nelson, 125  
*polyanthum* Benth, 125  
*proliferum* Torrey & Gray, 125  
*speciosum* Drew, 125  
*subalpinum* Greene, 125  
*torreyanum* Gray, 125  
*umbellatum* Torrey, 125  
 var. *polyanthum* (Benth) Jones, 125  
 var. *subalpinum* (Greene) Jones, 125  
 var. *torreyanum* (Gray) Jones, 125  
*vineum* Small, 125  
*Eriocyce Philippi*, 264  
*bulbocalyx* (Werdermann) Kattermann, 267  
*chilensis* (Schumann) Kattermann, 266  
*curvispina* (Colla) Kattermann, 266  
 subsp. *armata* (Ritter) Kattermann, 266  
 subsp. *curvispina*, 266  
*heinrichiana* (Backeberg) Kattermann, 266  
*islayensis* (Foerster) Kattermann, 267  
*napina* (Philippi) Kattermann, 266  
*odieri* (Lemaire) Kattermann, 266  
*paucicostata* (Ritter) Ferryman, 266  
*senilis* (Backeberg) Kattermann, 265  
 subsp. *coimasensis* (Ritter) Kattermann,  
 265  
 subsp. *senilis*, 265  
*subgibbosa* (Haworth) Kattermann, 265  
 subsp. *clavata* Schumann, 265  
 subsp. *subgibbosa*, 265  
 subsp. *ungenuectii* (Ritter) Kattermann,  
 265  
*taltalensis* (Hutchinson) Kattermann, 266  
*villosa* (Monville) Kattermann, 266  
*Eroteum theaeoides* Swartz, 469  
*Eruca* Miller, 580  
*sativa* Miller, 580  
*vesicaria* (Linnaeus) Cavanilles, 580  
 subsp. *sativa* (Miller) Thellung, 580  
*Erysimum* Linnaeus, 551–552  
 × *allionii* invalid, 552  
 ‘Lemon Delight’, 552  
*alpinum* misapplied, 552  
*arkansanum* Nuttall, 551–552  
 ‘Golden Gem’, 552  
*asperum* de Candolle, 552  
 ‘Bowles Mauve’, 552  
*capitatum* (Douglas) Greene, 552  
*cheiri* (Linnaeus) Crantz, 552  
 ‘Bloody Warrior’, 552  
 ‘Harpur Crewe’, 552  
 ‘Wenlock Beauty’, 552  
 ‘E.A. Bowles’, 552  
*helveticum* (Jacquin) de Candolle, 552  
*helveticum* misapplied, 552  
*hieraciifolium* Linnaeus, 552  
*jugicola* Jordan, 552  
*kotschyianum* Gray, 552  
*linifolium* (Persoon) Gray, 552  
 subsp. *linifolium*, 552  
 ‘Glaucum’, 552  
 ‘Variegatum’, 552  
*murale* Desfontaines, 552  
*mutabile* Boissier & Heldreich, 552  
*perofskianum* Fischer & Meyer, 552  
*pulchellum* (Willdenow) Gray, 552  
*pumilum* misapplied, 552  
*rhaeticum* (Hornemann) de Candolle, 552  
*rupestre* (Smith) de Candolle, 552  
*senoreri* (Heldreich & Sartori) Wettstein,  
 552  
*suffruticosum* Sprengel, 552  
*Eschscholzia* Chamisso, 533–534  
*caespitosa* Benth, 533  
*californica* Chamisso, 533  
*crocea* Benth, 533  
*Escobaria* Britton & Rose, 298–299  
*aguirreana* (Glass & Foster) Taylor, 298  
*alversonii* (Coulter) Taylor, 299  
*bella* Britton & Rose, 299  
*chaffeyi* Britton & Rose, 299  
*chihuahuensis* Britton & Rose, 298  
 subsp. *chihuahuensis*, 298  
 subsp. *henricksonii* (Glass & Foster) Taylor,  
 298  
*dasyacantha* (Engelmann) Britton & Rose, 299  
 subsp. *chaffeyi* (Britton & Rose) Taylor,  
 299  
 subsp. *dasyacantha*, 299  
 var. *duncanii* (Hester) Taylor, 299  
*duncanii* (Hester) Buxbaum, 299  
*emskoetteriana* (Quehl) Borg, 299  
*hericksonii* Glass & Foster, 298  
*hesteri* (Wright) Buxbaum, 299  
*missouriensis* (Sweet) Hunt, 299  
 subsp. *asperispina* (Boedeker) Taylor, 299  
*muehlbaueriana* (Boedeker) Knuth, 299  
*roseana* (Boedeker) Buxbaum, 298  
*runyonii* Britton & Rose, 299  
 Section *Pleurantha* Taylor, 298

- strobiliformis* misapplied, 298  
*tuberculosa* (Engelmann) Britton & Rose, 298  
*tuberculosa* misapplied, 299  
*vivipara* (Nuttall) Buxbaum, 298–299  
 var. *deserti* (Engelmann) Hunt, 298  
 var. *neomexicana* (Engelmann) Buxbaum, 298  
*zilziana* (Boedeker) Backeberg, 299  
*Escobesseyia duncanii* Hester, 299  
*Espostoa* Britton & Rose, 243  
*blossfeldiorum* (Werdermann) Buxbaum, 243  
*hylaea* Ritter, 243  
*lanata* (Kunth) Britton & Rose, 243  
*melanostele* (Vaupel) Borg, 243  
 subsp. *melanostele*, 243  
 subsp. *nana* (Ritter) Charles, 243  
*mirabilis* Ritter, 243  
*nana* Ritter, 243  
*ritteri* Buining, 243  
*senilis* (Ritter) Taylor, 243  
*sericata* (Backeberg) Backeberg, 243  
*superba* Ritter, 243  
*Espostoopsis* Buxbaum, 238  
*dybowskii* (Roland-Gosselin) Buxbaum, 238  
*Eucarpha* (Brown) Spach, 117  
*Eucommia* Oliver, 87  
*ulmoides* Oliver, 87  
*Eucommiaceae*, 87  
*Eucryphia* Cavanilles, 451–453  
*billardieri* Spach, 451  
*cordifolia* Cavanilles, 451  
*glutinosa* (Poeppig & Endlicher) Baillon, 453  
 × *hillieri* Ivens, 451–452  
 ‘Winton’, 452  
 × *hybrida* Bausch, 451  
 × *intermedia* Bausch, 453  
 ‘Rostrevor’, 453  
*lucida* (Labillardière) Baillon, 451  
 ‘Pink Cloud’, 451  
 var. *milliganii* (J.D. Hooker) Summerhayes, 451  
*milliganii* J.D. Hooker, 451  
*moorei* F. Mueller, 452–453  
 × *nymansensis* Bausch, 453  
 ‘Mount Usher’, 453  
 ‘Nymansay’, 453  
 ‘Penwith’, 451  
*pinnatifolia* Gay, 453  
*Eucryphiaceae*, 451–453  
*Eudianthe coeli-rosa* (Linnaeus) Reichenbach, 187  
*Eulychnia* Philippi, 220–221  
*acida* Philippi, 220  
*breviflora* Philippi, 220–221  
*castanea* Philippi, 220  
*floresiana* invalid, 221  
*iquiquensis* (Schumann) Britton & Rose, 221  
 subsp. *iquiquensis*, 221  
 subsp. *ritteri* (Cullmann) Hunt., 221  
*morromorenoensis* Ritter, 221  
*ritteri* Cullmann, 220  
*saint-pieana* Ritter, 220–221  
*spinibarbis* misapplied, 220–221  
*Eumonia iberidea* Boissier, 576  
*oppositifolia* (Persoon) de Candolle, 576  
*Euptelea* Siebold & Zuccarini, 341  
*franchetii* van Tieghem, 341  
*pleiosperma* Hooker & Thomson, 341  
*polyandra* Siebold & Zuccarini, 341  
*Eupteleaceae*, 341  
*Eurya* Thunberg, 470  
*chinensis* R. Brown, 470  
*chinensis* misapplied, 470  
*emarginata* (Thunberg) Makino, 470  
 ‘Microphylla’, 470  
 var. *microphylla* Makino, 470  
*japonica* Thunberg, 470  
 var. *parvifolia* Thwaites, 470  
 var. *pusilla* Blume, 470  
*latifolia* C. Koch, 470  
*latifolia* variegata Verschaffelt, 469  
*ochracea* (de Candolle) Szyszlowicz, 469  
*panamensis* Standley, 469  
*parvifolia* Gardner, 470  
*pusilla* Blume, 470  
*theoides* (Swartz) Blume, 469  
*Eutrema wasabi* (Siebold) Maximowicz, 550  
*Euryale* Salisbury, 427  
*ferox* Salisbury, 427  
*Fagaceae*, 59–80  
*Fagopyrum cymosum* (Treviranus) Meissner, 132  
*dibotrys* (Don) Hara, 132  
*esculentum* Moench, 131  
*sagittatum* Gilibert, 131  
*Fagus* Linnaeus, 60–61  
*americana* Sweet, 60  
*asiatica* (de Candolle) Winkler, 60  
*crenata* Blume, 61  
*engleriana* Seemen, 61  
*ferruginea* Aiton, 60  
*grandifolia* Ehrhart, 60–61  
*japonica* Maximowicz, 61  
*longipetiolata* Seemen, 61  
*lucida* Rehder & Wilson, 61  
*macrophylla* (Hohenacker) Koidzumi, 60  
*moesiaca* (Maly) Czezcott, 60  
*orientalis* Lipsky, 60  
*sieboldii* de Candolle, 61  
*sylvatica* Linnaeus, 60  
 ‘Asplenifolia’, 60  
 ‘Aurea Pendula’, 60  
 ‘Aurea Variegata’, 60  
 ‘Borneyensis’, 60  
 ‘Cristata’, 60  
 ‘Dawyc’, 60  
 ‘Fastigiata’, 60  
 ‘Grandidentata’, 60  
 ‘Lacinata’, 60  
 ‘Miltonensis’, 60  
 ‘Pendula’, 60  
 ‘Purpurea’, 60  
 ‘Purpurea Pendula’, 60  
 ‘Purpurea Tricolor’, 60  
 ‘Rohanii’, 60  
 ‘Rotundifolia’, 60  
 var. *chinensis* Franchet, 61  
 var. *longipes* Oliver, 61  
 var. *macrophylla* Hohenacker, 60  
 var. *sieboldii* (de Candolle) Maximowicz, 61  
*Fallopia aubertii* (Henry) Holub, 131  
*baldschuanica* (Regel) Holub, 131  
*Farsetia clypeata* (Linnaeus) R. Brown, 562  
*Faucaria* Schwantes, 171–172  
*albidens* Brown, 171  
*bosscheana* (Berger) Schwantes, 172  
 var. *haagei* (Tischer) Jacobsen, 172  
*britteniae* Bolus, 171  
*haagei* Tischer, 172  
*kingiae* Bolus, 171  
*subintegra* Bolus, 171  
*tigrina* (Haworth) Schwantes, 172  
*tuberculosa* (Rolfe) Schwantes, 171–172  
*Fenestraria* Brown, 147  
*aurantiaca* Brown, 147  
 forma *rhopalophylla* (Schlechter & Diels) Rowley, 147  
*rhopalophylla* (Schlechter & Diels) Brown, 147  
 subsp. *aurantiaca* (Brown) Hartmann, 147  
 subsp. *rhopalophylla*, 147  
*Ferocactus* Britton & Rose, 291–295  
*acanthodes* misapplied, 294  
 var. *eastwoodiae* Benson, 294  
*alamosanus* (Britton & Rose) Britton & Rose, 295  
 var. *platygonus* Lindsay, 294  
*chrysacanthus* (Orcutt) Britton & Rose, 294  
*coloratus* Gates, 294  
*covillei* Britton & Rose, 295  
*crassihamatus* (Weber) Britton & Rose, 282  
*cylindraceus* (Engelmann) Orcutt, 294  
 subsp. *cylindraceus*, 294  
 subsp. *eastwoodiae* (Benson) Taylor, 294  
 subsp. *lecontei* (Engelmann) Taylor, 294  
 subsp. *tortulispinus* (Gates) Taylor, 294  
*diguettii* (Weber) Britton & Rose, 295  
*eastwoodiae* (Benson) Benson, 294  
*echidne* (de Candolle) Britton & Rose, 292  
*emoryi* (Engelmann) Orcutt, 295  
 subsp. *rectispinus* (Engelmann) Taylor, 295  
*flavovirens* (Scheidweiler) Britton & Rose, 292  
*fordii* (Orcutt) Britton & Rose, 294  
*gatesii* Lindsay, 294  
*glaucescens* (de Candolle) Britton & Rose, 292  
*gracilis* Gates, 294  
*haematacanthus* (Salm-Dyck) Backeberg & Knuth, 293  
*hamatacanthus* (Muehlenpfordt) Britton & Rose, 293  
 subsp. *hamatacanthus*, 293  
 subsp. *sinuatus* (Dietrich) Benson, 293  
*herrerae* Ortega, 293  
*histris* (de Candolle) Lindsay, 293  
*horridus* Britton & Rose, 293  
*latispinus* (Haworth) Britton & Rose, 293  
 subsp. *greenwoodii* (Glass) Taylor, 293  
 subsp. *latispinus*, 293  
 subsp. *spiralis* (Pfeiffer) Taylor, 293  
*lecontei* (Engelmann) Britton & Rose, 294  
*macrodiscus* (Martius) Britton & Rose, 293  
*melocactiformis* Britton & Rose, 293  
*nobilis* Britton & Rose, 293  
*orcuttii* (Engelmann) Britton & Rose, 294  
*peninsulae* (Weber) Britton & Rose, 294  
 var. *santa-maria* (Britton & Rose) Taylor, 294

- Ferocactus Britton & Rose (*continued*)  
 var. *townsendianus* (Britton & Rose) Taylor, 294  
*piliferus* (Ehrenberg) Unger, 294  
*pilosus* (Salm-Dyck) Werdermann, 294  
*pottsii* (Salm-Dyck) Backeberg, 294–295  
 var. *alamosanus* (Britton & Rose) Unger, 295  
*pringlei* (Coulter) Britton & Rose, 294  
*rafaelensis* (Purpus) Borg, 292  
*rectispinus* (Engelmann) Britton & Rose, 295  
*recurvus* Borg, 293  
*reppenhagenii* Unger, 295  
*robustus* (Pfeiffer) Britton & Rose, 293  
*santa-maria* Britton & Rose, 294  
*schwarzii* Lindsay, 292  
 Section Bisnaga (Orcutt) Taylor & Clark, 291  
 Section Ferocactus, 291  
*setispinus* (Engelmann) Benson, 284  
*sinuatus* invalid, 293  
*stainesii* (Salm-Dyck) Britton & Rose, 294  
 var. *haematacanthus* Backeberg, 294  
*tortulispinus* Gates, 294  
*townsendianus* Britton & Rose, 294  
*uncinatus* (Galeotti) Britton & Rose, 282  
*viridescens* (Torrey & Gray) Britton & Rose, 294  
 var. *littoralis* Lindsay, 294  
*viscainensis* Gates, 294  
*wislizenii* (Engelmann) Britton & Rose, 293  
 var. *herrerae* (Ortega) Taylor, 293
- Fibigia Medicus, 562  
*clypeata* (Linnaeus) Medicus, 562
- Ficus Linnaeus, 91–103  
*acuminata* Roxburgh, 96  
*acuminate* misapplied, 399  
*altissima* Blume, 102  
*aspera* Forster, 96  
*aurea* Nuttall, 100  
*auriculata* Loureiro, 102–103  
*australis* Willdenow, 101  
*barbata* Miquel, 93  
*barteri* Sprague, 99  
*bellingeri* Moore & Betcha, 99  
*benghalensis* Linnaeus, 101  
 var. *krishnae* (de Candolle) Corner, 101  
*benjamina* Linnaeus, 100  
 'Exotica', 100  
 'Variegata', 100  
 var. *nuda* (Miquel) Barrett, 100  
*brassii* Brown, 103  
*buxifolia* de Wildeman, 101  
*callosa* Willdenow, 102  
*canonii* (Van Houtte) Brown, 96  
*capensis* Thunberg, 103  
*carica* Linnaeus, 102  
*cerasiformis* Desfontaines, 102  
*chauvienii* Gillaumin, 101  
*comosa* Roxburgh, 100  
 'Comosa', 100  
*cyathistipula* Warburg, 99  
*deltoidea* Jack, 100  
*diversifolia* Blume, 100  
*drupacea* Thunberg var. *drupacea*, 102  
 var. *pubescens* (Roth) Corner, 102  
*dryepontiana* Gentil, 96  
*edulis* Bureau, 101  
*eetveldiana* André, 100  
*elastica* Roxburgh, 99–100  
 'Belgica', 99  
 'Decora', 99  
 'Doescheri', 99  
 'Schrijveriana', 99  
 'Tricolor', 99  
 'Variegata', 100  
*erecta* Thunberg, 100–101  
*eugenioides* Miquel, 100  
*falcata* Miquel, 96  
*foveolata* Wallich var. *nipponica* (Franchet & Savatier) King, 96  
*glabella* Blume, 99  
*glomerata* Roxburgh, 102  
*habrophylla* Seemann, 101–102  
*heterophylla* Linnaeus, 96  
*hispida* Linnaeus, 103  
*indica* Linnaeus, 442  
*indica* misapplied, 99  
*infectoria* Miquel, 99  
*lacor* Hamilton, 99  
*leprieurii* Miquel, 101  
*lingua* De Wildeman & Durand, 101  
*lutea* Vahl, 101  
*lutescens* Desfontaines, 100  
*lyrata* Warburg, 96  
*macrocarpa* Blume, 96  
*macrocarpa* Bouché, 99  
*macrophylla* Persoon, 99  
*macrophylla* misapplied, 102  
*magnolioides* Borzi, 99  
*microcarpa* Linnaeus, 100  
 var. *hillii* (Bailey) Corner, 100  
*minima* Anon., 93  
*montana* Burman, 96  
*mysorensis* Roth, 102  
*natalensis* Hochstetter subsp. *leprieurii* (Miquel) Berg, 101  
*nekbudu* Warburg, 101  
*nekbudu* misapplied, 101  
*nipponica* Franchet & Savatier, 96  
*nitida* Thunberg, 100  
*nitida* misapplied, 100  
*nota* (Blanco) Merrill, 102  
 'Nuda', 100  
*nymphaeifolia* Miller, 100  
*obliqua* Forster, 100  
*obliqua* Miquel, 100  
*palmata* Forsskål, 102  
*pandurata* misapplied, 96  
*parcellii* Cogniaux & Marchal, 96  
*parietalis* Blume, 102  
*philippinensis* Anon., 100  
*philippinensis* misapplied, 99  
*platypoda* Miquel, 100  
*porteara* Regel, 102  
*pseudocarica* Miquel, 102  
*pumila* Linnaeus, 93–95  
 'Minima', 93  
 'Variegata', 93  
*punctata* Thunberg, 96  
*quercifolia* Blume, 96  
*quibeba* Fical, 101  
*racemosa* Linnaeus, 102  
*radicans* Desfontaines, 93  
*religiosa* Linnaeus, 96  
*repens* misapplied, 93  
*retusa* misapplied, 100  
*rostrata* Anon., 93  
*roxburghii* Miquel, 102  
*rubiginosa* Ventenat, 101  
 'Variegata', 101  
*rumphii* Blume, 96, 97  
*sagittata* Vahl, 93  
 'Variegata', 93  
*salicifolia* Miquel, 96  
*sarmentosa* Smith var. *nipponica* (Franchet & Savatier) Corner, 96  
*scandens* Lamarck, 93  
*schlechteri* Warburg, 100  
*stipulata* Thunberg, 93  
*stricta* Miquel, 99  
*subulata* Blume, 96  
*sundaica* Blume, 99  
*sus* Forsskål, 103  
*sycomorus* Linnaeus, 101  
*triangularis* Warburg, 101  
*ulmifolia* Lamarck, 96  
*utilis* Sim, 101  
*vesca* Miquel, 102  
*villosa* Blume, 93  
*virens* Aiton, 99  
*vogelii* Miquel, 101  
*watkinsiana* Bailey, 99
- Frailea Britton & Rose, 274–276  
*alacriportana* Backeberg & Voll, 275  
*albiareolata* Buining & Brederoo, 275  
*albicolumnaris* Ritter, 276  
*albifusca* Ritter, 275  
*asperispina* Ritter, 275  
*asterioides* Werdermann, 276  
*aureinitens* Buining & Brederoo, 275  
*aureispina* Ritter, 275  
*bruchii* Spegazzini, 261  
*caespitosa* (Spegazzini) Britton & Rose, 272  
*carminifilamentosa* Backeberg, 275  
*castanea* Backeberg, 276  
*cataphracta* (Dams) Britton & Rose, 276  
 var. *cataphracta*, 276  
 var. *duchii* Moser, 276  
 var. *tuyensis* Buining & Moser, 276  
*cataphractoides* Backeberg, 276  
*chiquitana* Cardenas, 275  
*chrysantha* Hrabec, 275  
*colombiana* (Werdermann) Backeberg, 275  
*curvispina* Buining & Brederoo, 276  
*friedrichii* Buining & Moser, 275  
*fulviseta* Buining & Brederoo, 275  
*gracillima* (Lemaire) Britton & Rose, 275  
 subsp. *gracillima*, 275  
 subsp. *horstii* (Ritter) Braun & Esteves Pereira, 275  
*grahliana* (Schumann) Britton & Rose, 275  
*grahliana* misapplied, 275  
*horstii* Ritter, 275  
*ignacionensis* Buining & Moser, 275  
*itapuensis* invalid, 275  
*knippeliana* (Quehl) Britton & Rose, 275  
*lepida* Buining & Brederoo, 275  
*magnifia* Pestle, 275

- mammifera* Buining & Brederoo, 275  
*matoana* Buining & Brederoo, 276  
*melitae* Buining & Brederoo, 276  
*moseriana* Buining & Brederoo, 275  
*perbella* Prestle, 276  
*perumblicata* Ritter, 275  
*phaeodisca* (Spegazzini) Spegazzini, 276  
*pseudopulcherrima* Ito, 276  
*pulcherrima* (Arechavaleta) Spegazzini, 275  
*pullispina* Backeberg, 275  
*pumila* (Lemaire) Britton & Rose, 275  
*pumila* misapplied, 275  
*pygmaea* (Spegazzini) Britton & Rose, 275–276  
   subsp. *albicolumnaris* (Ritter) Hofacker, 276  
   subsp. *pygmaea*, 276  
   subsp. *tuyensis* (Buining & Moser) Metz, 276  
   var. *phaeodisca* (Spegazzini) Ito, 276  
   var. *tuyensis* Buining & Moser, 276  
*schilinzkyana* (Schumann) Britton & Rose, 275  
   subsp. *concepcionensis* (Buining & Moser) Braun & Esteves Pereira, 275  
*uhligiana* Backeberg, 276  
*tuyensis* Buining & Moser, 276  
*Franklinia* Marshall, 456  
   *alatomaha* Marshall, 456  
*Freziera theoides* (Swartz) Swartz, 469  
*Frithia* Brown, 165  
   *pulchra* Brown, 165  
*Fumaria* Linnaeus, 544–545  
   *officinalis* Linnaeus, 545  
*Fumariaceae*, 534–546  
  
*Gale palustris* (Lamarck) Chevalier, 15  
*Garcinia* Linnaeus, 502–505  
   *angolensis* Vesque, 503  
   *baikiana* Vesque, 503  
   *cambogia* Desrousseaux, 505  
   *dulcis* (Roxburgh) Kurz, 503  
   *elliptica* Choisy not Wallich, 503  
   *ferrandii* Chiovenda, 503  
   *gummi-gutta* (Linnaeus) N. Robson, 505  
   *gutta* Wight, 505  
   *humilis* (Vahl) Adams, 503  
   *lateriflora* Blume, 503  
   *livingstonei* T. Anderson, 503  
   *mangostana* Linnaeus, 503–505  
   *morella* (Gaertner) Desrousseaux, 505  
   *pictoria* (Roxburgh) D'Arcy, invalid, 503  
   *tinctoria* (de Candolle) W.F. Wright, 503  
   *xanthochymus* J.D. Hooker, 503  
*Gevuina* Molina, 115–116  
   *avellana* Molina, 116  
*Gibbaeum* Haworth, 165–167  
   *album* Brown, 165  
   *forma rosea* (Brown) Rowley, 166  
   *comptonii* (Bolus) Bolus, 166  
   *cryptopodium* (Kensit) Bolus, 166  
   *dispar* Brown, 166  
   *geminum* Brown, 166  
   *gibbosum* (Haworth) Brown, 165–166  
   *haagei* Schwantes, 166  
   *heathii* (Brown) Bolus, 166  
   *luehmannii* (Bolus) Bolus, 157  
   *pachypodium* (Kensit) Bolus, 166  
   *perviride* (Haworth) Brown, 165  
   *petrense* (Brown) Tischer, 167  
   *pilosulum* (Brown) Brown, 166  
   *pubescens* (Haworth) Brown, 166  
   *schwantesii* Tischer, 166  
   *shandii* (Brown) Brown, 166  
   *velutinum* (Bolus) Schwantes, 166  
*Glandulicactus crassihamatus* (Weber) Backeberg, 282  
   *uncinatus* (Galeotti) Backeberg, 282  
*Glaucidiaceae*, 389  
*Glaucidium* Siebold & Zuccarini, 389  
   *palmatum* Siebold & Zuccarini, 389  
     var. *leucanthum* Makino, 389  
*Glaucium* Miller, 531–532  
   *corniculatum* (Linnaeus) Rudolph, 532  
   *flavum* Crantz, 532  
     var. *flavum*, 532  
     var. *fulvum* (Smith) Fedde, 532  
     var. *serpieri* (Heldreich) Halacsy, 532  
   *grandiflorum* Boissier & Huet, 532  
   *squamigerum* Karelín & Kiriloff, 532  
   *vitellinum* misapplied, 532  
*Glottiphyllum* (Haworth) Brown, 172–173  
   *davisii* Bolus, 173  
   *fragrans* (Salm-Dyck) Schwantes, 173  
   *herrei* Bolus, 173  
   *linguiforme* (Linnaeus) Brown, 173  
   *longum* (Haworth) Brown, 173  
   *muri* Brown, 173  
   *nellii* Schwantes, 173  
   *oligocarpum* Bolus, 173  
   *parvifolium* Bolus, 172–173  
   *praepingue* (Haworth) Brown, 173  
   *semicylindricum* (Haworth) Brown, 173  
   *suave* Brown, 173  
*Gomphrena* Linnaeus, 208  
   *coccinea* Decaisne, 208  
   *globosa* Linnaeus, 208  
   *haageana* Klotsch, 208  
*Gordonia* Ellis, 467–468  
   *alatomaha* (Marshall) Sargent, 456  
   *anomala* Sprengel, 467  
   *axillaris* (Ker-Gawler) D. Dietrich, 467  
   *chrysantra* Cowan, 468  
   *lasianthus* (Linnaeus) Ellis, 468  
   *pubescens* L' Héritier, 456  
   *sinensis* Hemsley & Wilson, 468  
   *wallichii* de Candolle, 468  
*Grevillea* Brown, 112–113  
   *alpina* Lindley, 112  
   *alpestris* Meisner, 112  
   *australis* Brown, 113  
   *banksil* Brown, 113  
     'Kingaroy Slipper', 113  
   *biternata* Meisner, 113  
   *hilliana* Mueller, 113  
   *juniperina* Brown, 113  
     *forma sulphurea* (Cunningham) Ferguson, 113  
     var. *sulphurea* (Cunningham) Benth., 113  
   *preissii* Meisner, 113  
   *robusta* Cunningham, 113  
   *rosmarinifolia* Cunningham, 113  
     × *semperflorens* Mulligan, 113  
   *sulphurea* Cunningham, 113  
   *thelmanniana* Heugel, 113  
   *thyrsoides* Meisner, 113  
   *victoriae* Mueller, 113  
*Grusonia emoryi* (Engelmann) Pinkava, 314  
*Guttiferae*, 471–505  
*Gymnocactus aguirreanus* Glass & Foster, 298  
   *beguinii* Backeberg, 286  
   *conothelos* (Regel & Klein) Backeberg, 285  
   *gielsdorffianus* (Werdermann) Backeberg, 287  
   *horripilus* (Lemaire) Backeberg, 287  
   *knuthianus* (Boedeker) Backeberg, 287  
   *mandragora* (Berger) Backeberg, 286  
   *roseanus* (Boedeker) Glass & Foster, 298  
   *saueri* (Boedeker) Backeberg, 287  
   *valdezianus* (Moeller) Backeberg, 288  
     var. *albiflorus* (Pazout) Backeberg, 288  
   *viereckii* (Werdermann) Backeberg, 287  
     var. *major* Glass & Foster, 287  
*Gymnocalycium* Pfeiffer, 259–264  
   *andreae* (Boedeker) Backeberg, 260  
   *anisitsii* (Schumann) Britton & Rose, 263  
     subsp. *damsii* (Schumann) Charles, 263  
   *artigas* Herter, 260  
   *asterium* Ito, 262  
   *baldianum* (Spegazzini) Spegazzini, 261  
   *bodenbenderianum* (Hosseus) Berger, 262  
   *bruchii* (Spegazzini) Hosseus, 261  
   *bueneckeri* Swales, 261  
   *calochlorum* (Boedeker) Ito, 260–261  
   *capillaense* (Schick) Backeberg, 260  
   *cardenasianum* Ritter, 263  
   *castellanosi* Backeberg, 263  
   *chiquitanum* Cardenas, 261–262  
   *chlorostictum* Invalid, 263  
   *damsii* (Schumann) Britton & Rose, 263  
   *denudatum* (Link & Otto) Pfeiffer, 261  
   *fleischerianum* Backeberg, 261  
   *friedrichii* (Werdermann) Pazout, 264  
   *gibbosum* (Haworth) Pfeiffer, 260  
   *glaucum* Ritter, 262  
   *hammerschmidii* Backeberg, 261  
   *horstii* Buining, 261  
     subsp. *bueneckeri* (Swales) Braun & Hofacker, 261  
     subsp. *horstii*, 261  
     *hossei* (Haage) Hill, 262  
   *hybopleurum* (Schumann) Backeberg, 261  
   *izozogsii* Cardenas, 264  
   'Jan Suba', 261  
   *lafaldense* Vaupel, 261  
   *lagunillasense* Cardenas, 264  
   *leptanthum* (Spegazzini) Spegazzini, 260  
   *marsoneri* (Fric) Ito, 263  
     subsp. *matoense* (Buining & Brederoo) Braun & Esteves Pereira, 263  
   *matoense* Buining & Brederoo, 263  
   *mazanense* (Backeberg) Backeberg, 262  
   *megatae* Ito, 263  
   *mesopotamicum* Kiesling, 262  
   *mihanovichii* (Fric & Guerke) Britton & Rose, 263–264  
     'Gold Cap', 263  
     'Pink Cap', 263

- Gymnocalycium Pfeiffer (*continued*)  
 'Red Cap', 263  
 var. *friedrichii* Werdermann, 264  
*millaresii* Cardenas, 264  
*monvillei* (Lemaire) Britton & Rose, 261  
*moserianum* Schuetz, 262  
*mostii* (Guerke) Britton & Rose, 262  
*multiflorum* (Hooker) Britton & Rose, 261  
*ochoterena* Backeberg, 262  
*oenanthemum* Backeberg, 262  
*onychacanthum* Ito, 263  
*paraguayense* (Schumann) Schuetz, 261  
*pflanzii* (Vaupel) Werdermann, 264  
 subsp. *pflanzii*, 264  
 subsp. *zegarrae* (Cárdenas) Charles, 264  
*platense* (Spegazzini) Britton & Rose, 260  
*pseudomalacocarpus* Backeberg, 263  
*quehlianum* (Haage) Berger, 262  
*ragonesi* Castellanos, 262  
*saglionis* (Cels) Britton & Rose, 263  
*sanguiniflorum* (Werdermann) Werdermann, 261  
*schickendantzii* (Weber) Britton & Rose, 263  
*schlumbergeri* invalid, 260  
*schroederianum* Osten, 260  
*sigelianum* (Schick) Berger, 260  
*spegazzinii* Britton & Rose, 262–263  
 subsp. *cardenasianum* (Ritter) Kies & Metz, 263  
 subsp. *spegazzinii*, 263  
*stellatum* Spegazzini, 262  
*sutterianum* (Schick) Berger, 260  
*tilcarensis* (Backeberg) Schuetz, 263  
*tillianum* Rausch, 262  
*tudae* Ito, 263  
*uruguayense* (Arechavaleta) Britton & Rose, 260  
 'Roseiflorum', 260  
 var. *roseiflorum* Ito, 260  
*vatteri* Buining, 262  
*venturianum* (Fric) Backeberg, 261  
*weissianum* Backeberg, 262  
*zegarrae* Cardenas, 264
- Gymnospermium Spach, 416  
*alberti* (Regel) Takhtajan, 416  
*altaicum* (Pallas) Spach, 416
- Gynandropsis gynandra* (Linnaeus) Briquet, 547  
*pentaphylla* (Linnaeus) de Candolle, 547
- Gypsophila Linnaeus, 188–189  
*aretoides* Boissier, 189  
 'Caucasica', 189  
*cerastoides* Don, 189  
*elegans* Bieberstein, 189  
*imbricata* Ruprecht, 189  
*pacifica* Komarov, 189  
*paniculata* Linnaeus, 189  
 'Rosenschlier', 189  
*petraea* (Baumgarten) Reichenbach, 189  
*repens* Linnaeus, 189  
*tenuifolia* Bieberstein, 189
- Haageocereus Backeberg, 242–243  
*acanthocladus* Rauh & Backeberg, 242  
*acranthus* (Vaupel) Backeberg, 242  
 subsp. *acranthus*, 242  
 subsp. *olowinskianus* (Backeberg) Otto, 242  
*albispinus* (Akers) Backeberg, 242  
*chosicensis* (Werdermann & Backeberg) Backeberg, 242  
*decumbens* (Vaupel) Backeberg, 242–243  
*divaricatispinus* Rauh & Backeberg,  
*limensis* (Salm-Dyck) Ritter, 242  
*multangularis* (Willdenow) Ritter, 242  
*olowinskianus* Backeberg, 242  
*pacalaensis* Backeberg, 242  
*paradoxus* Rauh & Backeberg, 244  
*platinospinus* (Werdermann & Backeberg) Backeberg & Kunth, 242  
*pseudomelanosteale* (Werdermann & Backeberg) Backeberg, 242  
 subsp. *acanthocladus* (Rauh & Backeberg), Osto, 242  
 subsp. *melanosteale*, 242  
*versicolor* (Werdermann & Backeberg) Backeberg, 242  
*weberbaueri* (Vaupel) Hunt, 243  
*zonatus* Rauh & Backeberg, 242
- Hakea Schrader, 114–115  
*acicularis* Knight, 114  
 var. *lissosperma* (Brown) Benth., 114  
*bucculenta* Gardner, 115  
*crassifolia* Meisner, 114  
*elliptica* (Smith) Brown, 114  
*epiglottis* Labillardiere, 114  
*eriantha* Brown, 114  
*laurina* Brown, 114  
*leucoptera* Brown, 114  
*lissosperma* Brown, 114  
*microcarpa* Brown, 114  
*microphylla* invalid, 114  
*minyma* Maconchie, 114–115  
*multilineata* Meisner, 115  
*oleifolia* (Smith) Brown, 115  
*petiolaris* Meisner, 115  
*salicifolia* (Ventenat) Burt, 115  
*saligna* (Knight) Salisbury, 115  
*sericea* Schrader, 115  
 var. *lissosperma* (Brown) Maiden & Betche, 114  
*suaveolens* Brown, 115  
*tenuifolia* (Salisbury) Britten, 115  
*ulicina* Brown, 114
- Hamatocactus setispinus* (Engelmann) Britton & Rose, 284  
*simuatus* (Dietrich) Orcutt, 293  
*uncinatus* (Galeotti) Orcutt, 282
- Harrisia Britton, 248–249  
*aboriginum* Small, 248  
*balansae* (Schumann) Taylor, 248  
*bonplandii* (Pfeiffer) Britton & Rose, 248  
*boniphora* (Pfeiffer) Britton, 248  
*fragrans* Small, 248  
*gracilis* (Miller) Britton, 248  
*guelichii* (Spegazzini) Britton & Rose, 248  
*jusburtii* (Schumann) Borg, 248  
*martinii* (Labouret) Britton & Rose, 249  
*pomanensis* (Weber) Britton & Rose, 249  
*regelii* (Weingart) Borg, 249  
*simpsonii* Small, 248  
 Subgenus *Eriocereus* Riccobono, 248
- Subgenus *Harrisia*, 248  
*tetracantha* (Labouret) Hunt, 249  
*tortuosa* (Forbes) Britton & Rose, 249
- Hartia Dunn, 456  
*sinensis* Dunn, 458
- Hatiora Britton & Rose, 234  
*gaertneri* (Regel) Barthlott, 234  
 × *graeseri* (Werdermann) Barthlott, 234  
*rosea* (Lagerheim) Barthlott, 234  
*salicornioides* (Haworth) Britton & Rose, 234
- Hebradendron cambogidides* (Murray) Graham, 505
- Heimerliodendron brunonianum* (Endlicher) Skottsberg, 136
- Heisteria Jacquin, 121  
*coccinea* Jacquin, 121
- Heliampora Benth., 505–506  
*heterodoxa* Steyermark, 506  
*ionasii* Maguire, 506  
*macdonaldiae* Gleason, 506  
*minor* Gleason, 506  
*nebulinae* Maguire, 506  
*nutans* Benth., 506  
*tatei* Gleason, 506  
 var. *nebulinae* Maguire, 506  
 var. *tatei*, 506  
*tyleri* Gleason, 506
- Helianthocereus grandiflorus* (Britton & Rose) Backeberg, 252  
*pasacana* (Ruempler) Backeberg, 251  
*poco* (Backeberg) Backeberg, 253
- Heliocereus* (Berger) Britton & Rose, 231  
*speciosus* (Cavanilles) Britton & Rose, 231
- Heliophila* Linnaeus, 582–583  
*africana* (Linnaeus) Marais, 582–583  
*amplexicaulis* Linnaeus filius, 582  
*coronopifolia* Linnaeus, 582  
*crithmifolia* Willdenow, 582  
*integrifolia* Linnaeus, 583  
*linearifolia* de Candolle, 583  
*linearis* (Thunberg) de Candolle, 583  
*reticulata* Ecklon & Zeyher, 583  
*scandens* Harvey, 583
- Heliosperma quadrifidum* in the sense of Hegi, 186
- Helleborus Linnaeus, 345–348  
*abchasicus* Braun, 347  
*antiquorum* Braun, 347  
*argutifolius* Viviani, 346  
*atropurpureus* Schultes, 347  
*atrorubens* misapplied, 348  
*atrorubens* Waldstein & Kitaibel, 'Ballard's Black', 347–348  
*bocconeii* Tenore, 347  
*caucasicus* Braun, 347  
*cupreus* Host, 347  
*cyclophyllus* Boissier, 347  
*dumetorum* Waldstein & Kitaibel, 347  
 subsp. *atrorubens* (Waldstein & Kitaibel) Merxmüller & Podlech, 347  
*foetidus* Linnaeus, 346  
*guttatus* Braun & Sauer, 347  
*intermedius* Host, 348  
*kochii* Schiffner, 347  
*lividus* Aiton, 346  
 subsp. *corsicus* (Briquet) Yeo, 346

- multifidus Visiani, 347  
   subsp. *istriacus* (Schiffner) Merxmuller & Podlech, 347  
   subsp. *serbicus* (Adamovič) Merxmuller & Podlech, 348  
 niger Linnaeus, 346–347  
   subsp. *macranthus* (Freyn) Schiffner, 347  
   × *nigercors* Wall, 346  
 odorus Waldstein & Kitaibel, 347  
*olympicus* Lindley, 347  
*orientalis* Lamarck, 347  
*pallidus* Host, 347  
*purpurascens* Waldstein & Kitaibel, 348  
*serbicus* Adamovič, 348  
*siculus* Schiffner, 347  
   × *sternii* Turrill, 346  
*torquatus* Archer-Hind, 348  
*vesicarius* Aucher, 346  
*viridis* Linnaeus, 347  
   subsp. *dumetorum* (Waldstein & Kitaibel) Hayek, 347  
   subsp. *occidentalis* (Reuter) Schiffner, 347  
   subsp. *viridis*, 347  
*Helxine soleirolii* Requien, 107  
*Hepatica* Miller, 375  
   *acutiloba* de Candolle, 375  
   *americana* (de Candolle) Ker Gawler, 375  
   × *media* Simonkai, 375  
   *nobilis* Miller, 375  
   *transilvanica* Fuss, 375  
   *triloba* Chaix, 375  
   *triloba* misapplied, 375  
*Hereroa* (Schwantes) Dinter & Schwantes, 144–145  
   *dolabriformis* (Linnaeus) Bolus, 145  
   *dyerii* Bolus, 144–145  
   *granulata* (Brown) Dinter & Schwantes, 144  
   *hesperantha* (Dinter) Dinter & Schwantes, 145  
   *incurva* Bolus, 145  
   *nelii* Schwantes, 144  
   *puttkameriana* (Berger & Dinter) Dinter & Schwantes, 145  
*Herniaria* Linnaeus, 201  
   *glabra* Linnaeus, 201  
*Herrea* Schwantes, 176  
   *grandis* Bolus, 176  
*Herreanthus* Schwantes, 167  
   *meyeri* Schwantes, 170  
*Hesperis* Linnaeus, 552–553  
   *bicuspidata* (Willdenow) Poirét, 553  
   *dinarica* G. Beck, 553  
   *lutea* Maximowicz, 550  
   *matronalis* Linnaeus subsp. *matronalis*, 553  
   *tristis* Linnaeus, 553  
   *violacea* Boissier, 553  
*Hexastylis arifolia* (Michaux) Small, 440  
   *shuttleworthii* (Britton & Baker) Small, 440  
   *virginica* (Linnaeus) Small, 440  
*Hibbertia* Andrews, 442–444  
   *angustifolia* Salisbury, 444  
   *cuneiformis* (Labillardière) Smith, 444  
   *dentata* R. Brown, 444  
   *obcuneata* Salisbury, 444  
   *procumbens* (Labillardière) de Candolle, 444  
   *scandens* (Willdenow) Dryander, 444  
   *tetrandra* (Lindley) Gilg, 444  
   *volubilis* (Ventenat) Andrews, 444  
*Hicoria pecan* (Marshall) Britton, 17  
*Hildewintera aureispina* (Ritter) Ritter, 245  
*Holboellia* Wallich, 419  
   *angustifolia* Wallich, 419  
   *coriacea* Diels, 419  
   *grandiflora* Réauborg, 419  
   *latifolia* Wallich, 419  
*Homalocephala texensis* (Hopfer) Britton & Rose, 279  
*Homalocladium* (Mueller) Bailey, 133  
   *platycladum* (Mueller) Bailey, 133  
*Horridocactus kesselringianus* Doelz, 266  
   *tuberisulcatus* (Jacobi) Ito, 266  
*Houttuynia* Thunberg, 429  
   *cordata* Thunberg, 429  
*Hugueninia* Riechenbach, 550  
   *tanacetifolia* (Linnaeus) Reichenbach, 550  
   subsp. *suffruticosa* (Coste & Soulié) Ball, 550  
   subsp. *tanacetifolia*, 550  
*Humulus* Linnaeus, 103  
   *americanus* Nuttall, 103  
   *japonicus* Siebold & Zuccarini, 103  
   ‘*Variiegatus*’, 103  
   *lupulus* Linnaeus, 103  
   ‘*Aureus*’, 103  
   *scandens* (Loureiro) Merrill, 103  
   *yunnanensis* Hu, 103  
*Hunnemannia* Sweet, 534  
   *fumariifolia* Sweet, 534  
*Hutchinsia alpina* (Linnaeus) R. Brown, 574  
*Hydrastis* Linnaeus, 342  
   *canadensis* Linnaeus, 342  
*Hydropeltis purpurea* Michaux, 428  
*Hylocereus* (Berger) Britton & Rose, 230  
   *megalanthus* (Vaupel) Bauer, 419  
   *setaceus* (de Candolle) Werdermann, 230  
   *triangularis* of some authors, 230  
   *undatus* (Haworth) Britton & Rose, 230  
*Hylomecon* Maximowicz, 531  
   *japonica* (Thunberg) Prantl & Kundig, 531  
   var. *dissecta* (Franchet & Savatier) Fedde, 531  
   var. *lanceolate* Makino, 531  
   *vernalis* Maximowicz, 531  
*Hymenocyclus luteus* (Haworth) Schwantes, 172  
   *purpureocroceus* (Haworth) Schwantes, 172  
*Hypecoaceae*, 534  
*Hypecum* Linnaeus, 535  
   *grandiflorum* Benthams, 535  
   *imberbe* Sibthorp & Smith, 535  
   *leptocarpum* Hooker & Thomson, 535  
   *procumbens* Linnaeus, 535  
*Hypericum* Linnaeus, 471–501  
   *acmosepalum* N. Robson, 480  
   *acutum* Moench invalid, 487  
   *addingtonii* N. Robson, 480–481  
   *adenotrichum* Spach, 491  
   *aegypticum* Linnaeus, 499  
   *alpestre* Steven, 492  
   *alpigenum* Kitaibel, 491  
   *alpinum* Waldstein & Kitaibel, 491  
   *ambiguum* Elliot, 496  
   *amoenum* Pursh, 494  
   *anagaloides* Chamisso & Schlechtendal, 501  
   *androsaeum* Linnaeus, 484  
   ‘*Aureum*’, 484  
   ‘*Mrs Gladys Brabazon*’, 484  
   *forma variegatum* McClintock & Nelson, 484  
   *anglicum* Bertoloni, 484  
   *annulatum* Moris, 499  
   *apollinis* Boissier & Heldreich, 490  
   × *arnoldianum* Rehder, 496  
   *ascyron* Linnaeus, 485  
   var. *americanum* (Spach) Y. Kimura, 485  
   var. *brevistylum* Maximowicz, 485  
   var. *longistylum* Maximowicz, 485  
   var. *vilmorinii* Rehder, 485  
   *forma vilmorinii* (Rehder) Rehder, 485  
   *aspalathoides* Willdenow, 496  
   *assamicum* S.N. Biswas, 488  
   *athoum* Boissier & Orphanides, 500  
   *atomarium* Boissier, 499  
   *atomarium* misapplied, 499  
   subsp. *degenii* (Bornmüller) Hayek, 499  
   *augustinii* N. Robson, 477–479  
   *aureum* Bartram, 494  
   *axillare* Lamarck, 496  
   *bacciferum* Lamarck, 484  
   *balearicum* Linnaeus, 477  
   *barbatum* Jacquin, 490  
   *beanii* N. Robson, 483  
   ‘*Eastleigh Gold*’, 482  
   ‘*Gold Cup*’, 481  
   *bellum* H.L. Li, 482  
   subsp. *bellum*, 482  
   subsp. *latisepalum* N. Robson, 482  
   *bracteatum* Wallich, 477  
   *bracteatum* Kellogg not D. Don, 485  
   *bryophytum* Elmer, 501  
   *buckleiyi* M.A. Curtis, 496  
   *buckleii* invalid, 496  
   *bupleuroides* Grisebach, 485  
   *burseri* (de Candolle) Spach, 491  
   *calycinum* Linnaeus, 479  
   *cambessedesii* Barceló, 485  
   *canadense* Linnaeus var. *majus* A. Gray, 501  
   *canariense* Linnaeus, 497  
   var. *floribundum* (Aiton) Bornmüller, 497  
   *capitatum* Choisy, 492  
   var. *capitatum*, 492  
   var. *luteum* N. Robson, 492  
   *cerastoides* (Spach) N. Robson, 489  
   subsp. *ceratoides*, 489  
   subsp. *meuselianum* Hagemann, 489  
   *cernuum* D. Don, 479  
   *chinense* Linnaeus, 479  
   var. *salicifolium* (Sieber & Zuccarini) Choisy, 479  
   *choisianum* N. Robson, 482  
   *ciliatum* Lamarck, 490  
   *cistifolium* Lamarck, 496  
   *concinnum* Benthams, 485–487  
   *confertum* Choisy, 493  
   subsp. *confertum*, 493  
   subsp. *stenobotrys* (Boissier) Holmboe, 493  
   *cordifolium* Choisy, 477  
   *coris* Linnaeus, 494  
   *corymbosum* Mühlenberg, 488  
   *crenulatum* Boissier, 493

- Hypericum* Linnaeus (*continued*)  
*crux-andreae* (Linnaeus) Crantz, 497  
*cuneatum* Poirét, 497  
*curvisepalum* N. Robson, 483  
 × *cyathiflorum* N. Robson, 481  
 × *dawsonianum* Rehder, 496  
*decipiens* H. Watson, 487  
*decussatum* Kunze, 491  
*degenii* Bornmüller, 499  
*delphicum* Boissier & Heldreich, 500  
*densiflorum* Pursh, 496  
 var. *lobocarpum* (Gattinger) Svenson, 494  
 × *desetangii* Lamotte, 487  
*dubium* Leers, 487  
 × *dummeri* N. Robson, 483–484  
 ‘Peter Dummer’, 483  
*dyeri* Rehder, 480  
*dyeri* misapplied, 483  
 × ‘Eastleigh Gold’ N. Robson, 482–483  
*elatum* misapplied, 484  
*elatum* Aiton, 484  
*electrocarpum* Maximowicz, 488  
*elegans* Willdenow, 487–488  
*ellipticum* Hooker, 496–497  
*elodeoides* Choisy, 500  
*elodes* Linnaeus, 500  
*elongatum* Ledebour, 492  
 subsp. *elongatum*, 492  
*empetrifolium* Willdenow, 493–494  
 subsp. *empetrifolium*, 493  
 subsp. *oliganthum* (Rechinger filius) Hagemann, 493  
 subsp. *tortuosum* (Rechinger) Hagemann, 493–494  
 var. *oliganthum* Rechinger, 493  
 var. *prostratum* invalid, 493  
 var. *tortuosum* Rechinger, 493  
*erectum* Murray, 488  
 ‘Gemo’, 488  
*ericoides* Linnaeus, 494  
 subsp. *ericoides*, 494  
 subsp. *maroccanum* Maire & Wilczek, 494  
 subsp. *robertii* (Battandier) Maire & Wilczek, 494  
*eudistichum* invalid, 481  
*fallax* Grimm, 487  
*fasciculatum* Lamarck, 496  
*fimbriatum* Lamarck, 491  
 var. *burseri* de Candolle, 491  
*floribundum* Aiton, 497  
*foliosum* Aiton, 484  
*formosum* Kunth, 488  
 subsp. *scouleri* (Hooker) Hitchcock, 488  
 var. *scouleri* (Hooker) Coulter, 488  
*forrestii* (Chittenden) N. Robson, 483  
*fragile* Boissier, 493  
*fragile* misapplied, 489  
*frondosum* Michaux, 494  
*galioides* Lamarck, 496  
 var. *ambiguum* (Elliott) Chapman, 496  
 var. *aspalathoides* (Willdenow) Torrey & Gray, 496  
 var. *fasciculatum* (Lamarck) Svenson, 496  
*gebleri* Ledebour, 485  
*gentianoides* (Linnaeus) Britton, Sterns & Poggenburg, 500  
*glandulosum* Aiton, 499  
*glomeratum* Small, 496  
*gracile* Boissier, 499  
*gramineum* G. Forster, 501  
*grandifolium* Choisy, 484  
*graveolens* Buckley, 488  
*grisebachii* Boissier, 491  
*henryi* H. Léveillé & Vaniot, 481  
 subsp. *hancockii* N. Robson, 481  
 subsp. *henryi*, 481  
 subsp. *uraloides* (Rehder) N. Robson, 481  
*henryi* misapplied, 483  
 × ‘Hidcote’, 481  
 ‘Hidcote Gold’, 481  
*hircinum* Linnaeus, 484–485  
 subsp. *albimontanum* (Greuter) N. Robson, 485  
 subsp. *cambessedesii* (Barceló) Sauvage, 485  
 subsp. *hircinum*, 485  
 subsp. *hircinum* misapplied, 484  
 subsp. *majus* (Aiton) N. Robson, 484  
 subsp. *obtusifolium* (Choisy) Sauvage, 485  
 var. *albimontanum* Greuter, 485  
 var. *cambessedesii* (Barceló) Ramos, 485  
 var. *majus* Aiton, 484  
 var. *minus* Aiton in part, 485  
 var. *obtusifolium* Choisy, 485  
 var. *pumilum* Watson, 485  
*hirsutum* Linnaeus, 492  
*hookerianum* Wight & Arnott, 481  
 ‘Buttercup’, 481  
 ‘Charles Rogers’, 481  
 ‘Rogersii’, 481  
*hookerianum* in part, misapplied, 479  
 ‘Gold Cup’, 481  
 ‘Hidcote’, 481  
 ‘Rowallane’, 480  
 var. *leschenaultii* misapplied, 482  
*humifusum* Linnaeus, 491  
*hypericoides* (Linnaeus) Crantz, 497  
 subsp. *hypericoides*, 497  
 subsp. *multicaule* (Willdenow) N. Robson, 497  
 var. *multicaule* (Willdenow) Adams & Robson, 497  
*hyssopifolium* Villars, 492  
 subsp. *elongatum* (Ledebour) Woronow, 492  
 var. *elongatum* (Ledebour) Ledebour, 492  
 × *inodorum* Miller, 484  
 ‘Beattie’s Variety’, 484  
 ‘Elstead’, 484  
 ‘Elstead Variety’, 484  
 ‘Goudelsje’, 484  
 ‘Hysan’, 484  
 ‘Summergold’, 484  
 ‘Ysella’, 484  
*inodorum* Willdenow not Miller, 485  
*involutum* (Labillardière) Choisy, 501  
*japonicum* Murray, 501  
*jaubertii* Spach, 491  
*kalmianum* Linnaeus, 494  
*kelleri* Baldacci, 489–490  
*keniense* Schweinfurth, 477  
*kisianum* Koidzumi var. *yakusimense* (Koidzumi) Kato, 488  
*kohlianum* Sprengel, 487  
*kotschyanum* Boissier, 492–493  
*kouytchense* H. Léveillé, 482  
*kouytchense* misapplied, 480  
*laeve* Boissier & Haussknecht, 492  
 var. *rubrum* (Hochstetter) Boissier, 492  
*lagarocladum* N. Robson, 480  
*lancasteri* N. Robson, 483  
*lanceolatum* misapplied, 477  
*lanuginosum* Lamarck, 499  
 var. *gracile* (Boissier) Boissier, 499  
*lasianthus* Linnaeus, 468  
 ‘Lawrence Johnston’, 481  
*laxum* (Blume) Koidzumi, 501  
*leschenaultii* misapplied, 480  
*leschenaultii* Choisy, 480  
*leucoptychodes* A. Richard, 477  
*linariifolium* Vahl, 491  
*linarioides* Bosse, 492  
*lobbii* N. Robson, 479  
*lobocarpum* Gattinger, 494–496  
*lydium* Boissier, 492  
*lysimachioides* Dyer, 480  
*lysimachioides* misapplied, 483  
*maclarenii* N. Robson, 482  
*maculatum* Crantz, 487  
 subsp. *maculatum*, 487  
 subsp. *obtusiusculum* (Tourlet) Hayek, 487  
 var. *immaculatum* (Murbeck) Jordanov & Kozuharov, 487  
*maculatum* Walter not Crantz, 488  
*majus* (A. Gray) Britton, 501  
*maritimum* Sieber, 499  
*minus* invalid, 485  
*mitchellianum* Rydberg, 488  
*monogynum* Linnaeus, 479  
 var. *salicifolium* (Sieber & Zuccarini) André, 479  
*montanum* Linnaeus, 499–500  
*montbretii* Spach, 490  
 × *moserianum* André, 482  
 ‘Tricolor’, 482  
 var. *tricolor* Maumen, 482  
*multiflorum* invalid, 484  
*mutilum* Linnaeus, 501  
 subsp. *mutilum*, 501  
*nanum* Poirét, 497  
*napaulense* Choisy, 500  
*nothum* Rehder, 496  
*nudicaule* Walter, 500  
*nudiflorum* Michaux, 496  
*nummularium* Linnaeus, 493  
*oblongifolium* misapplied, 480  
*oblongifolium* Choisy, 479  
*obtusum* Moench invalid, 487  
*ocymoides* Loddiges invalid, 485  
*officinatum* Crantz, 487  
*olympicum* Linnaeus, 489  
 ‘Sunburst’, 489  
*citrinum* invalid, 489  
 var. *grandiflorum* invalid, 489  
 var. *latifolium* Sims not Stefanoff, 489  
 forma *majus* Haussknecht, 489



- forma minus Haussknecht, 489  
   'Sulphureum', 489  
 forma olympicum, 489  
 forma prostratum Jordanov & Kozhuharov, 489  
 forma uniflorum Jordanov & Kozhuharov, 489  
   'Citrinum', 489  
   'Sunburst', 489  
 opacum Torrey & Gray, 496  
 orientale Linnaeus, 491–492  
   var. jaubertii (Spach) Boissier, 491  
   var. ptarmicifolium (Spach) Boissier, 491  
   var. tournefortii (Spach) Boissier, 491  
 organifolium Willdenow, 489  
 pallens Banks & Solander, 497–499  
 parviflorum Willdenow, 501  
 patulum Thunberg, 481–482  
 patulum misapplied, 481  
   'Gold Cup', 481  
   'Hidcote', 481  
   'Hidcote Variety', 481  
   'Laplace', 482  
   'Rothschild's Form', 483  
   'Summergold', 482  
   'Sungold', 482  
   var. forrestii Chittenden, 483  
   var. grandiflorum invalid, 482  
   var. henryi Bean, 483  
   var. henryi misapplied, 480, 483  
   var. oblongifolium misapplied, 480, 481  
   var. uralum (D. Don) Koehne, 481  
   forma forrestii (Chittenden) Rehder, 483  
 penduliflorum invalid, 482  
 perfoliatum Linnaeus, 490  
 perforatum Linnaeus, 487  
   var. angustifolium de Candolle, 487  
   var. latifolium Koch, 487  
   var. microphyllum de Candolle, 487  
 × persistens 'Elatum', 484  
   'Elstead', 484  
 pilosum Walter, 500  
 polygonifolium Ruprecht, 492  
 polyphyllum Boissier & Balansa, 489  
 polyphyllum misapplied, 489  
   citrinum invalid, 489  
 prolificum Linnaeus, 494  
   var. densiflorum (Pursh) A. Gray, 496  
 pseudo-henryi N. Robson, 483  
 pseudo-henryi misapplied, 483  
 pseudopetiolarum var. yakusimense (Koidzumi) Y. Kimura, 488  
 ptarmicifolium Spach, 491  
 pulchrum Linnaeus, 493  
 punctatum Lamarck, 488  
 pusillum Choisy, 501  
 pyramidatum Aiton, 485  
 quadrangulum misapplied, 487  
   subsp. obtusiusculum Tourlet, 487  
 quadrangulum Linnaeus, invalid, 487  
 quinquenervium Walter, 501  
 ramosissimum Ledebour, 485  
 reflexum Linnaeus filius, 499  
 repens invalid, 492  
 repens misapplied, 489  
   citrinum invalid, 489  
 reptans Dyer, 479  
 revolutum Vahl, 477  
   subsp. keniense (Schweinfurth) N. Robson, 477  
   subsp. revolutum, 477  
 rhodopeum Frivaldsky, 489  
 richeri Villars, 490–491  
   subsp. alpigenum (Kitaibel) E. Schmid, 491  
   subsp. burseri (de Candolle) Nyman, 491  
   subsp. richeri, 491  
   subsp. grisebachii (Boissier) Nyman, 491  
 robertii Battandier, 494  
 rogersii invalid, 481  
 × 'Rowallane' Armytage Moore, 480  
 rubrum Hochstetter, 492  
 rumeliacum Boissier, 490  
   subsp. rumeliacum, 490  
   subsp. apollinis (Boissier & Heldreich) Robson & Strid, 490  
 salicifolium Sieber & Zuccarini, 479  
 sampsonii Hance, 488  
 sarothra Michaux, 500  
 satirejifolium Jaubert & Spach, 493  
 scouleri Hooker, 488–489  
   subsp. nortoniae, (Jones) Gillett, 489  
   subsp. scouleri, 489  
 Section Adenosepalum Spach, 499  
 Section Adenotriasis (Jaubert & Spach) R. Keller, 499  
 Section Androsoaemum (Duhamel) Godron, 483–484  
 Section Arthrophyllum Jaubert & Spach, 497  
 Section Ascyreia Choisy, 477  
 Section Brathys (Linnaeus filius) Choisy, 500  
 Section Bupleuroides Stefanoff, 484  
 Section Campyloporus (Spach) Keller, 477  
 Section Coridium Spach, 493  
 Section Drosocarpium (broad sense), 489  
 Section Elodes (Adanson) W. Koch, 500  
 Section Hirtella Stefanoff, 491–495  
 Section Hypericum, 485  
 Section Inodora Stefanoff, 494  
 Section Myriandra (Spach) R. Keller, 494  
 Section Psorophytum (Spach) Nyman, 477  
 Section Roscyna (Spach) R. Keller, 485  
 Section Taeniocarpium Jaubert & Spach, 492  
 Section Triadenioides Jaubert & Spach, 497  
 Section Webbia (Spach) R. Keller, 497  
 seleri R. Keller, 485  
 setosum Linnaeus, 500–501  
 spathulatum (Spach) Steudel, 494  
 spruneri Boissier, 490  
 stans (Michaux) Adams & Robson, 497  
 stellatum N. Robson, 483  
 stenobotrys Boissier, 493  
 stragulum Adams & Robson, 497  
 subsessile N. Robson, 480  
 'Sunburst', 489, 494  
 tapetoides A. Nelson, 501  
 tenuicaule Dyer, 479  
 tetrapterum Fries, 487  
 tomentosum Linnaeus, 500  
 tournefortii Spach, 491  
 trichocaulon Boissier & Heldreich, 491  
 triflorum Blume, 480  
 undulatum Willdenow, 487  
 uraloides Rehder, 481  
 uralum D. Don, 481  
   × urberuagae P. & S. Dupont, 484  
   vacciniifolium Hayek & Siehe, 497  
   × vanfleettii Rehder, 494  
   villosum (Linnaeus) Crantz, 500  
   vulgare Lamarck, 487  
   webbii Steudel, 499  
   wilsonii N. Robson, 480  
   xylosteifolium (Spach) N. Robson, 485  
   yakusimanum invalid, 488  
   yakusimense Koidzumi, 488  
     forma lucidum Y. Kimura, 488  
 Iberis Linnaeus, 576–578  
   acutiloba Bertoloni, 577  
   amara Linnaeus, 577  
   candolleana Jordan, 577  
   cappadocica de Candolle, 567  
   commutata Schott & Kotschy, 577  
   crenata Linnaeus, 577  
   gibraltaria Linnaeus, 577  
   jordanii Boissier, 577  
   jucunda Schott & Kotschy, 577  
   odorata Linnaeus, 577  
   pigmaea invalid, 577  
   pinnata Linnaeus, 577  
   pruitii Tineo, 577  
   saxatalis Linnaeus, 577  
     var. corifolia Sims, 577  
   semperflorens Linnaeus, 577  
   sempervirens Linnaeus, 577  
     'Little Gem', 577  
     'Snowflake', 577  
     var. garrexiana Allioni, 577  
     var. nana Allioni, 577  
   umbellata Linnaeus, 577–578  
*Ilex emarginata* Thunberg, 570  
 Illecebraceae, 201  
 Illiciaceae, 335  
 Illicium Linnaeus, 335  
   anisatum Linnaeus, 335  
   floridanum Ellis, 335  
   henryi Diels, 335  
   parviflorum Ventenat, 335  
   religiosum Siebold & Zuccarini, 335  
   verum Hooker, 335  
*Ioxylon pomifenan* Rafinesque, 89  
 Iresine Browne, 208–209  
   herbstii Hooker, 209  
     'Aureoreticulata', 209  
     'Brilliantissima', 209  
     'Wallisii', 209  
   lindenii Van Houtte, 209  
     'Formosa', 209  
 Isatis Linnaeus, 551  
   allionii P.W. Ball, 551  
   alpina misapplied, 551  
   canescens de Candolle, 551  
   glauca Boissier, 551  
   tinctoria Linnaeus, 551

- Islaya bicolor* Akers & Buining, 267  
*copiapoides* Rauh & Backeberg, 267  
*divaricatiflora* Ritter, 267  
*flavida* Ritter, 267  
*grandiflorens* Rauh & Backeberg, 267  
*maritima* Ritter, 267  
*minor* Backeberg, 267  
*mollendensis* (Vaupel) Backeberg, 267  
*paucispina* Rauh & Backeberg, 267  
*paucispinosa* Rauh & Backeberg, 267  
*Isolatocereus dumortieri* (Scheidweiler) Backeberg, 224  
*Isomeris arborea* Nuttall, 547  
*Isopyrum* Linnaeus, 348–349  
   *biternatum* (Rafinesque) Torrey & Gray, 349  
   *fumarioides* Linnaeus, 353  
   *thalictroides* Linnaeus, 348–349  
*Isoetremia chrysops* Stapf, 440
- Jacobsenia Bolus & Schwantes, 152  
   *kolbei* (Bolus) Bolus & Schwantes, 152
- Jateorhiza Miers, 421  
   *columba* (Roxburgh) Miers, 421  
   *palmata* (Lamarck) Miers, 421
- Jeffersonia Barton, 415  
   *diphylla* (Linnaeus) Persoon, 415  
   *dubia* (Maximowicz) Baker & Moore, 415
- Juglandaceae, 16–20
- Juglans Linnaeus, 18–19  
   *ailantifolia* Carrière, 19  
     var. *ailantifolia*, 19  
     var. *cordiformis*, 19  
   *alba* Linnaeus, 18  
     × *bixbyi* Rehder, 19  
   *californica*, 19  
   *cathayensis* Dode, 19  
   *cinerea* Linnaeus, 19  
   *cordiformis* Maximowicz, 19  
   *elaeopyren* Dode, 19  
   *hindsii* (Jepson) Smith, 19  
     × *intermedia* Carrière, 19  
   *major* (Torrey) Heller, 19  
   *mandshurica* Maximowicz, 19  
   *microcarpa* Berlandier, 19  
   *microcarpa* misapplied, 19  
   *nana* Engelman, 19  
     × *notha* Rehder, 19  
   *nigra* Linnaeus, 19  
   *orientis* Dode, 18  
     × *quadrangulata* (Carrière) Rehder, 19  
   *regia* Linnaeus, 18–19  
   *rupestris* Torrey, 19  
   *sargentii* Sudworth, 19  
   *sieboldiana* Maximowicz, 19  
   *sinensis* (de Candolle) Dode, 18  
   *stenocarpa* Maximowicz, 19
- Juttadinteria Schwantes, 159  
   *albata* (Bolus) Bolus, 159  
   *longipetala* Bolus, 159
- Kadsura Jussieu, 335  
   *japonica* (Linnaeus) Dunal, 335  
     ‘Variegata’, 335
- Kensitia pillansii (Kensit) Brown, 155
- Kernera Medicus, 573  
   *auriculata* (Lamarck) Reichenbach, 573
- decipiens* (Willkomm) Nyman, 573  
   *saxatalis* (Linnaeus) Reichenbach, 573
- Knightia Brown, 117–118  
   *excelsa* Brown, 118
- Koerberlinia spinosa Zuccarini, 546
- Kochia Roth, 205  
   *rohrlachii* Wilson, 205  
   *scoparia* (Linnaeus) Schrader, 205  
     ‘Childsii’, 205  
     ‘Trichophylla’, 205  
     var. *childsii* Kraus, 205  
     var. *trichophylla* (Voss) Boom, 205
- Kohlruschia saxifraga* (Linnaeus) Dandy, 197
- Lampranthus Brown, 150–151  
   *aurantiacus* (de Candolle) Schwantes, 150  
   *aureus* (Linnaeus) Brown, 150–151  
   *blandus* (Haworth) Schwantes, 151  
   *brownii* (Hooker) Brown, 150  
   *conspicuus* (Haworth) Brown, 151  
   *emarginatus* (Linnaeus) Brown, 151  
   *falcatus* (Linnaeus) Brown, 151  
   *falciformis* (Haworth) Brown, 151  
   *glaucus* (Linnaeus) Brown, 150  
   *glomeratus* (Linnaeus) Brown, 151  
   *haworthii* (Don) Brown, 151  
   *roseus* (Willdenow) Schwantes, 151  
   *sociorum* (Bolus) Brown, 151  
   *spectabilis* (Haworth) Brown, 151  
   *zeyheri* (Salm-Dyck) Brown, 151
- Lapidaria Schwantes, 164  
   *margaretae* (Schwantes) Dinter & Schwantes, 164
- Lardizabala Ruiz & Pavón, 419  
   *biternata* Ruiz & Pavón, 419
- Lardizabalaceae, 418–420
- Lauraceae, 337–340
- Laurelia Jussieu, 336  
   *sempervirens* (Ruiz & Pavón) Tulasne, 336  
   *serrata* Bertero, 336
- Laurus Linnaeus, 340  
   *albida* Nuttall, 337  
   *azorica* (Seubert) Franco, 340  
   *benzoin* Linnaeus, 339  
   *camphora* Linnaeus, 338  
   *canariensis* Webb & Berthelot, 340  
   *nobilis* Linnaeus, 340  
     ‘Angustifolia’, 340  
     ‘Crispa’, 340  
   *sericea* Blume, 339
- Ledenbergia roseo-aenea* Lemaire, 134
- Leipoldtia Bolus, 146  
   *jacobseniana* Schwantes, 146  
   *weingangiana* (Dinter) Dinter & Schwantes, 146
- Lemaireocereus beneckeii* (Ehrenberg) Britton & Rose, 224  
   *eruca* (Brandegee) Britton & Rose, 224  
   *laetus* (Kunth) Britton & Rose, 221  
   *pruinosis* (Pfeiffer) Britton & Rose, 224  
   *queretaroensis* (Weber) Safford, 225  
   *stellatus* (Pfeiffer) Britton & Rose, 225  
   *thurberi* (Engelmann) Britton & Rose, 225  
   *weberi* (Coulter) Britton & Rose, 222
- Leonticeaceae*, 389
- Leontice* Linnaeus, 416  
   *alberti* Regel, 416  
   *altaica* Pallas, 416  
   *chrysogonum* Linnaeus, 416  
   *leontopetalum* Linnaeus, 416
- Lepidium* Linnaeus, 578  
   *sativum* Linnaeus, 578
- Lepismium* Pfeiffer, 232  
   *cruciforme* (Vellozo) Miquel, 232  
   *houlettianum* (Lemaire) Barthlott, 232  
   *ianthothele* (Monville) Barthlott, 219  
   *marnieranum* Backeberg, 233  
   *paradoxum* Pfeiffer, 234  
   *warmingianum* (Schumann) Barthlott, 232
- Leptomeria* Brown, 122  
   *billardieri* Brown, 122
- Leptopyrum* Reichenbach, 353  
   *fumarioides* (Linnaeus) Reichenbach, 353
- Lesquerella* S. Watson, 572  
   *fendleri* (Gray) S. Watson, 572  
   *foliacea* Greene, 572  
   *kingii* (S. Watson) S. Watson, 572  
   *stenophylla* (Gray) Rydberg, 572
- Leucadendron* Brown, 111–112  
   *adscendens* Brown, 111–112  
   *argenteum* (Linnaeus) Brown, 111  
   *coniferum* (Linnaeus) Meisner, 111  
   *eucalyptifolium* Meisner, 111  
   *laureolum* (Lamarck) Fourcade, 111  
   *microcephalum* (Gandoger) Gandoger & Schinz, 111  
   *rubrum* Burman, 111  
   *salignum* Bergius, 111–112  
   *stokoei* Phillips, 111  
   *teretifolium* (Andrews) Williams, 112  
   *xanthoconus* (Kuntze) Schumann, 112
- Leuchtenbergia* Hooker, 291  
   *principis* Hooker, 291
- Leucospermum* Brown, 110–111  
   *attenuatum* Brown, 110  
   *cordifolium* (Knight) Fourcade, 110  
   *cuneiforme* (Burman) Rourke, 110–111  
   *ellipticum* (Thunberg) Brown, 110
- Lewisia* Pursh, 177–178  
   *brachycalyx* Gray, 178  
   *cantelovii* Howell, 178  
   *columbiana* (Howell) Robinson, 178  
     ‘Rosea’, 178  
   *cotyledon* (Watson) Robinson, 177–178  
     var. *cotyledon*, 178  
     var. *heckneri* (Morton) Munz, 178  
     var. *howellii* (Watson) Jepson, 178  
   *leana* (Porter) Robinson, 178  
   *nevadensis* Gray, 178  
   *pygmaea* (Gray) Robinson, 178  
     var. *nevadensis* (Gray) Fosberg, 178  
     var. *pygmaea*, 178  
   *rediviva* Pursh, 178  
   *tweedyi* (Gray) Robinson, 177
- Lindera* Thunberg, 339–340  
   *benzoin* (Linnaeus) Blume, 339  
   *glauca* (Siebold & Zuccarini) Blume, 339–340  
   *megaphylla* Hemsley, 339  
   *obtusiloba* Blume, 340  
   *praecox* (Siebold & Zuccarini) Blume, 339

- strychnifolia (Siebold & Zuccarini) Vilmorin, 340  
 umbellata Thunberg, 339  
 Liriodendron Linnaeus, 329–330  
 chinensis (Hemsley) Sargent, 330  
 tulipifera Linnaeus, 329–330  
 var. *chinensis* Hemsley, 330  
*Liriosma ovata* Miers, 122  
 Lithocarpus Blume, 66  
 cleistocarpa (Seemen) Rehder & Wilson, 66  
 densiflorus (Hooker & Arnott) Rehder, 66  
 var. *echinoides* (Brown) Abrams, 66  
 edulis (Makino) Nakai, 66  
 glabra (Thunberg) Nakai, 66  
 henryi (Seemen) Rehder, 66  
 pachyphyllus (Kurz) Rehder, 66  
 Lithops Brown, 160  
 archeri De Boer, 162  
 aucampiae Bolus, 162  
 var. *aucampiae*, 162  
 var. *euniciae* De Boer, 162  
 var. *fluminalis* Cole, 162  
 var. *koelemanii* (De Boer) Cole, 162  
 bella Brown, 161  
 var. *bella*, 161  
 var. *eberlanzii* (Dinter & Schwantes) De Boer & Boom, 161  
 brevis Bolus, 163  
 bromfieldii Bolus, 163  
 var. *glaudinae* (De Boer) Cole, 163  
 var. *insularis* (Bolus) Fearn, 163  
 var. *mennellii* (Bolus) Fearn, 163  
 christinae De Boer, 163  
 comptonii Bolus, 163  
 dabneri Bolus, 163  
 deboeri Schwantes, 162  
 dendritica Nel, 162  
 dinteri Schwantes, 162–163  
 var. *brevis* (Bolus) Fearn, 163  
 var. *dinteri*, 163  
 var. *frederici* Cole, 163  
 var. *multipunctata* De Boer, 163  
 diutina Bolus, 161  
 elisae De Boer, 161  
 erniana Jacobsen, 161–162  
 var. *aiaisensis* De Boer, 161  
 var. *erniana*, 161  
 var. *witzputensis* De Boer, 162  
 erniana Loesch & Tischer, 161  
 farinosa Dinter, 162  
 framesii Bolus, 161  
 franciscii (Dinter & Schwantes) Brown, 162  
 var. *gesinae* (De Boer) Fearn, 162  
 fulleri Brown, 161–162  
 var. *kennedyi* De Boer, 162  
 fulviceps (Brown) Brown, 162  
 var. *lactinea* Cole, 162  
 gesinae De Boer, 162  
 glaudinae De Boer, 163  
 gracilidelineata Dinter, 162  
 hallii De Boer, 161  
 helmutii Bolus, 163  
 herrei Bolus, 163  
 insularis Bolus, 163  
 jacobseniana Schwantes, 161  
 julii (Dinter & Schwantes) Brown, 161  
 subsp. *fulleri* (Brown) Fearn, 161  
 var. *julii*, 161  
 var. *littlewoodii* De Boer, 161  
 var. *reticulata* De Boer, 161  
 var. *rouxii* De Boer, 161  
 karasmontana (Dinter & Schwantes) Brown, 161  
 var. *karasmontana*, 161  
 var. *lericheana* (Dinter & Schwantes) Cole, 161  
 var. *mickebergensis* (Dinter) De Boer & Boom, 161  
 var. *opalina* (Dinter) De Boer & Boom, 161  
 var. *tischeri* Cole, 161  
 kiubisensis Jacobsen, 163  
 koelemanii De Boer, 162  
 lesliei (Brown) Brown, 162  
 localis (Brown) Schwantes, 162  
 marginata Nel, 163  
 marmorata (Brown) Brown, 161  
 var. *elisae* (De Boer) Cole, 161  
 mennellii Bolus, 163  
 meyeri Bolus, 163  
 nelii Schwantes, 163  
 olivacea Bolus, 163  
 optica (Marloth) Brown, 161  
 forma *rubra* Tischer, 161  
 otzeniana Nel, 163  
 pseudotruncatella (Berger) Brown, 162  
 var. *archerae* (De Boer) Cole, 162  
 var. *dendritica* (Nel) De Boer & Boom, 162  
 var. *edithae* (Brown) De Boer, 162  
 var. *elisabethae* (Dinter) De Boer & Boom, 162  
 var. *gracilidelineata* (Dinter) Fearn, 162  
 var. *pulmonuncula* (Jacobsen) Jacobsen, 162  
 var. *volkii* De Boer & Boom, 162  
 rugosa Dinter, 163  
 ruschiorum (Dinter & Schwantes) Brown, 163  
 salicola Bolus, 162  
 schwantesii Dinter, 163  
 var. *christinae* (De Boer) Fearn, 163  
 var. *gebseri* De Boer, 163  
 var. *kunjasensis* (Dinter) De Boer & Boom, 163  
 var. *marthae* (Loesch & Tischer) Cole, 163  
 var. *nutupsdriftensis* De Boer, 163  
 var. *rugosa* (Dinter) De Boer & Boom, 163  
 var. *schwantesii*, 163  
 var. *triebneri* (Bolus) De Boer & Boom, 163  
 var. *urikosensis* (Dinter) De Boer & Boom, 163  
 Subgenus *Leucolithops* Schwantes, 160  
 Subgenus *Lithops*, 160  
 triebneri Bolus, 163  
 turbiniformis (Haworth) Brown, 163  
 var. *brunneoviolacea* De Boer, 163  
 var. *dabneri* (Bolus) Cole, 163  
 var. *elephina* Cole, 163  
 var. *lutea* De Boer, 163  
 var. *marginata* (Nel) Cole, 163  
 var. *subfenestrata* De Boer, 163  
 urikosensis Dinter, 163  
 vallis-mariae (Dinter & Schwantes) Brown, 163  
 var. *groendraaiensis* (Jacobsen) De Boer, 163  
 var. *margarethae* De Boer, 163  
 verruculosa Nel, 162  
 var. *glabra* De Boer, 162  
 villetii Bolus, 162  
 var. *deboeri* (Schwantes) Cole, 162  
 var. *kennedyi* (De Boer) Cole, 162  
 viridis Luckhoff, 163  
 wernerii Schwantes & Jacobsen, 162  
*Lobivia allegraiana* Backeberg, 254  
*andalgalensis* (Schumann) Britton & Rose, 252  
*backebergii* (Werdermann) Backeberg, 254  
*binghamiana* Backeberg, 254  
*bruchii* Britton & Rose, 254  
*chrysantha* (Werdermann) Backeberg, 255  
*cinnabarina* (Hooker) Britton & Rose, 254  
*culpinensis* Ritter, 254  
*cylindrica* Backeberg, 254  
*densispina* Werdermann, 255  
*densispina* (Werdermann) Wessner, 255  
*divaricata* invalid, 254  
*ducis-paulii* misapplied, 253  
*euanthema* Backeberg, 258  
*famaticensis* (Spegazzini) Britton & Rose, 255  
*ferox* Britton & Rose, 253  
*glauca* Rausch, 255  
*grandiflora* Britton & Rose, 252  
*grandis* Britton & Rose, 254  
*higginsiana* Backeberg, 254  
*huascha* (Weber) Marshall, 252  
*incaica* Backeberg, 254  
*jajoiana* Backeberg, 255  
*kieslingii* Rausch, 254  
*kuehnrchii* Eric, 255  
*larae* Cardenas, 254  
*maximiliana* (Heyder) Backeberg, 254  
*muhriae* Backeberg, 255  
*nigrispina* Backeberg, 255  
*oligotricha* Cardenas, 254  
*pentlandii* (Hooker) Britton & Rose, 254  
*planiceps* Backeberg, 254  
*pugionacantha* (Rose & Boedeker) Backeberg, 254  
*saltensis* (Spegazzini) Britton & Rose, 255  
*schieliana* Backeberg, 255  
*schreiteri* Castellanos, 255  
*shaferi* Britton & Rose, 254–255  
*silvestrii* (Spegazzini) Rowley, 255  
*soehrensiana*,  
*tegeleriana* Backeberg, 254  
*vatteri* Krainz, 255  
*violacea* (Werdermann) Berger, 250  
*walteri* Kiesling, 254  
*westii* Hutchison, 254  
*winteriana* Ritter, 254  
*wrightiana* Backeberg, 254  
*Lobularia* Desvaux, 567  
 maritima (Linnaeus) Desvaux, 567  
*Lomatia* Brown, 116–117  
 dentata (Ruiz & Pavón) Brown, 117  
 ferruginea (Cavanilles) Brown, 117  
 fraxinifolia Benthams, 117

- Lomatia Brown (*continued*)  
*hirsuta* (Lamarck) Diels, 117  
*ilicifolia* Brown, 117  
*longifolia* Brown, 117  
*myricoides* (Gaertner) Domin, 117  
*obliqua* Brown, 117  
*pinnatifolia* invalid, 117  
*pinnatifida* invalid, 117  
*silatifolia* (Smith) Brown, 117  
*tinctoria* (Labillardière) Brown, 117
- Lophira Gaertner, 455  
*alata* misapplied, 455  
*lanceolata* Keay, 455
- Lophocereus schottii* (Engelmann) Britton & Rose, 223
- Lophophora Coulter, 288–289  
*diffusa* (Croizat) Bravo, 289  
*echinata* Croizat, 289  
 var. *diffusa* Croizat, 289  
*fricii* Habermann, 289  
*jordaniana* Habermann, 289  
*lewini* (Coulter) Rusby, 289  
*williamsii* (Salm-Dyck) Coulter, 289
- Loranthaceae, 123
- Loranthus Jacquin, 123  
*europaeus* Jacquin, 123
- Lunaria Linnaeus, 561  
*annua* Linnaeus, 561  
 ‘Alba’, 561  
 ‘Atrococcinea’, 561  
 ‘Munstead Purple’, 561  
 ‘Variegata’, 561  
*biennis* Moench, 561  
*japonica* Miquel, 550  
*rediviva* Linnaeus, 561
- Lychnis Linnaeus, 187–188  
*alpina* Linnaeus, 188  
 ‘Arkwrightii’, 187  
*chalconica* Linnaeus, 187  
*coeli-rosa* (Linnaeus) Desrousseaux, 187  
*coronaria* (Linnaeus) Desrousseaux, 187  
*dioica* Linnaeus, 186  
*flos-cuculi* Linnaeus, 188  
 var. *congesta* Ascherson & Graebner, 188  
*flos-jovis* (Linnaeus) Desrousseaux, 187  
*fulgens* Sims, 187  
*githago* (Linnaeus) Scopoli, 188  
 × *haageana* Regel, 187–188  
*pyrenaica* Bergeret, 188  
 ‘Vesuvius’, 188  
*viscaria* Linnaeus, 188  
 ‘Plena’, 188
- Macadamia Mueller, 115  
*integrifolia* Maiden & Betche, 115  
*ternifolia* Mueller, 115  
*tetraphylla* Johnson, 115
- Machaerocereus eruca* (Brandege) Britton & Rose, 224
- Machairophyllum Schwantes, 145–146  
*acuminatum* Bolues, 145  
*albidum* (Linnaeus) Schwantes, 146
- Machilus kanehirai* Hayata, 338  
*micranthum* Hayata, 338
- Macleaya R. Brown, 533  
*cordata* (Willdenow) Brown, 533  
 × *kewensis* Turrill, 533  
*microcarpa* (Maximowicz) Fedde, 533  
 × *Madudrania hybrida* André, 89
- Maclura Nuttall, 89  
*aurantiaca* Nuttall, 89  
*pomifera* (Raffinesque) Schneider, 89  
 ‘Inermis’, 89  
*tricuspidata* Carrière, 89
- Magnolia Linnaeus, 319–328  
*acuminata* (Linnaeus) Linnaeus, 328  
 var. *subcordata* (Spach) Dandy, 328  
*ashei* Weatherby, 323  
*biondii* Pampanini, 319  
 × *brooklynensis* Kalmbacher, 328  
 ‘Evamaria’, 328  
 ‘Woodsman’, 328  
*campbellii* Hooker & Thomson, 324  
 subsp. *mollicomata* (Smith) Johnstone, 324  
 ‘Charles Coats’, 323  
*conspicua* Salisbury, 324  
*cordata* Michaux, 328  
*cylindrica* Wilson, 326  
*dawsoniana* Rehder & Wilson, 326  
*delavayi* Franchet, 323  
*denudata* Desrousseaux, 324–326  
*discolor* Ventenat, 328  
*diva* Millais, 326  
*fraseri* Walter, 323  
 var. *pyramidata* (Bartram) Pampanini, 323  
*freemannii* invalid, 321  
*glauc* Linnaeus, 323  
 var. *major* Sims, 323  
 var. *thompsoniana* Loudon, 323  
*globosa* Hooker & Thomson, 324  
*grandiflora* Linnaeus, 321  
 ‘Exmouth’, 321  
 var. *exoniensis* Loudon, 321  
*grandiflora* × *virginiana*, 321  
 ‘Freeman’, 321  
 ‘Maryland’, 321  
*heptapeta* (Buc’hoz) Dandy, 324  
 × *highdownensis* Dandy, 324  
*hypoleuca* Siebold & Zuccarini, 323  
 × *kewensis* Pearce, 326  
*kobus* de Candolle, 326  
 var. *borealis* Sargent, 326  
 var. *lobneri* (Kache) Spongberg, 328  
 var. *stellata* (Siebold & Zuccarini) Blackburn, 326  
 ‘Leonard Messel’, 328  
*liliflora* Desrousseaux, 328  
 × *lobneri* Kache, 328  
*macrophylla* Michaux, 323  
 subsp. *ashei* (Weatherby) Spongberg, 323  
 ‘Merrill’, 328  
*nitida* Smith, 321–323  
*obovata* Thunberg, 323  
*officinalis* Rehder & Wilson, 323–324  
 var. *biloba* Rehder & Wilson, 324  
*parviflora* Siebold & Zuccarini, 324  
*praecocissima* Koidzumi, 326  
 × *proctoriana* Rehder, 326  
*purpurea* Curtis, 328  
*pyramidata* Bartram, 323  
*quinquepeta* (Buc’hoz) Dandy, 328  
*rostrata* Smith, 324  
*salicifolia* (Siebold & Zuccarini) Maximowicz, 326  
*sargentiana* Rehder & Wilson, 326  
 var. *robusta* Rehder & Wilson, 326  
 var. *sargentiana*, 326  
*sieboldii* Koch, 324  
 subsp. *sinensis* (Rehder & Wilson) Spongberg, 324  
*sinensis* Rehder & Wilson, 324  
 × *slavini* Harkness, 326  
 × *soulangiana* Soulange-Bodin, 326  
*sprengeri* Pampanini, 326  
 ‘Diva’, 326  
 var. *elongata* (Rehder & Wilson) Johnstone, 326  
 var. *diva* (Millais) Johnstone, 326  
 var. *sprengeri*, 326  
*stellata* (Siebold & Zuccarini) Maximowicz, 326–328  
 × *thompsoniana* (Loudon) de Vos, 323  
*tomentosa* Thunberg, 328  
*tripetala* Linnaeus, 323  
 × *veitchii* Bean, 324  
 ‘Peter Veitch’, 324  
*virginiana* Linnaeus, 323  
 × *watsonii* Hooker, 324  
 × *wieseneri* Carrière, 324  
*wilsonii* (Finet & Gagnepain) Rehder, 324  
*yulan* Desfontaines, 324  
*zenii* Cheng, 319
- Magnoliaceae, 319–330  
 × *Mahoberberis* Schneider, 392–393  
*neubertii* (Baumann) Schneider, 393
- Mahonia Nuttall, 390–392  
*acanthifolia* Don, 391  
*aquifolium* (Pursh) Nuttall, 392  
 ‘Atropurpurea’, 392  
*bealei* (Fortune) Carrière, 391  
 ‘Cantab’, 391  
*confusa* Sprague, 392  
*dictyota* (Japson) Fedde, 392  
*eutriphylla* de Candolle, 392  
*fascicularis* de Candolle, 392  
*fortunei* (Lindley) Fedde, 391  
*fremontii* (Torrey) Fedde, 392  
*gracilipes* (Oliver) Fedde, 391  
*haematocarpa* (Wooton) Fedde, 392  
 ‘Heterophylla’, 392  
*higginsiae* (Munz) Ahrendt, 392  
*japonica* (Thunberg) de Candolle, 391  
 ‘Hiemalis’, 391  
*lomariifolia* Takeda, 391  
 × *media* Brickell, 391  
 ‘Charity’, 391  
 ‘Lionel Fortescue’, 391  
 ‘Winter Sun’, 391  
*moranensis* (Schultes) Johnston, 392  
*nana* (Greene) Fedde, 392  
*napaulensis* de Candolle, 391  
*nervosa* (Pursh) Nuttall, 392  
*nevinii* (Gray) Fedde, 392  
*pinnata* (Lagasca) Fedde, 392  
*pinnata* misapplied, 392  
*piperiana* Abrams, 392  
*pumila* (Greene) Fedde, 392

- repens* (Lindley) Don, 392  
 'Rotundifolia', 392  
*schiedeana* (Schlechtendahl) Fedde, 392  
*siamensis* Takeda, 391  
*swaseyi* (Buckland) Fedde, 392  
*toluacensis* misapplied, 392  
*trifolia* Chamisso & Schlechtendahl, 392  
*trifoliata* (Lindley) Lavallée, 392  
*trifoliolata* (Moricand) Fedde, 392  
 × *wagneri* (Jouin) Rehder, 392  
 'Aldenhamensis', 392  
 'Undulata', 392  
 'Vicaryi', 392  
*Maihuenia* (Weber) Schumann, 219  
*poepigii* (Pfeiffer) Schumann, 219  
*Maihueniopsis* Spegazzini, 312  
*clavarioides* (Pfeiffer) Anerson, 312  
*darwinii* (Henslow) Ritter, 312  
*glomerata* (Haworth) Kiesling, 312  
*Maireana rohrlachii* (Wilson) Wilson, 205  
*Malacocarpus arechavaletai* (Spegazzini) Berger, 272  
*corynodes* (Pfeiffer) Krainz, 274  
*friicii* (Arechavaleta) Berger, 274  
*heptacanthus* Rodrigues, 264  
*pauciareolatus* (Arechavaleta) Berger, 274  
*sellowii* (Link & Otto) Schumann, 274  
*sessiliflorus* (Pfeiffer) Backeberg, 274  
*tephracanthus* (Link & Otto) Schumann, 274  
*Malacodendron monogynum* Dumont de Courset, 458  
*ovatum* Cavanilles, 458  
*Malcolmia* R. Brown, 553–554  
*bicolor* Boissier & Heldreich, 553  
*chia* (Linnaeus) de Candolle, 554  
*graeca* Boissier & Spruner, 553  
 subsp. *bicolor* (Boissier & Heldreich) A.L. Stork, 553  
*littorea* (Linnaeus) R. Brown, 553  
*maritima* (Linnaeus) R. Brown, 553  
 'Virginia Stock', 553  
*Malephora* Brown, 172  
*crassa* (Bolus) Jacobsen & Schwantes, 172  
*crocea* (Jacquin) Schwantes var. *crocea*, 172  
 var. *purpureocrocea* (Haworth) Jacobsen & Schwantes, 172  
*lutea* (Haworth) Schwantes, 172  
*Mammea* Linnaeus, 502  
*americana* Linnaeus, 502  
*humilis* Vesque, 503  
*Mammillaria* Haworth, 300–311  
*albescens* Tiegel, 307  
*albicans* (Britton & Rose) Berger subsp. *fraileana* (Britton & Rose) Hunt, 304  
*albiarmata* Boedeker, 310  
*albicoma* Boedeker, 306  
*albilanata* Backeberg, 308  
*aljibensis* invalid, 309  
*arizonica* Engelmann, 298  
*armillata* Brandege, 304  
*aurihamata* Boedeker, 305  
*backebergiana* Buchenau, 308  
*balsasoides* Craig, 302  
*barbata* Engelmann, 303  
*baumii* Boedeker, 302  
*baxteriana* (Gates) Backeberg & Knuth, 311  
*bella* Backeberg, 308  
*beneckeii* Ehrenberg, 302  
*blossfeldiana* Boedeker, 304  
*bocasana* Poselger, 305  
*bogotensis* Werdermann, 308  
*bombycina* Quehl, 305  
*boolii* Lindsay, 304  
*brandegei* (Coulter) Brandege, 311  
*camptotricha* Dams, 307  
*candida* Scheidweiler, 291  
*canelensis* Craig, 310  
*capensis* (Gates) Craig, 304  
*carmenae* Castaneda, 306  
*carnea* Zuccarini, 311  
*carretii* Schumann, 302  
*celsiana* Lemaire, 309  
*centricirra* Lemaire, 311  
*chionocephala* Purpus, 309  
*coahuilensis* (Boedeker) Moran, 310  
*collina* Purpus, 308  
*collinsii* (Britton & Rose) Orcutt, 311  
*columbiana* Salm-Dyck, 308–309  
*compressa* de Candolle, 311  
*confusa* (Britton & Rose) Orcutt, 311  
*conoidea* de Candolle, 290  
*crinita* de Candolle, 305  
 subsp. *leucantha* (Boedeker) Hunt, 305  
 subsp. *wildii* (Dietrich) Hunt, 305  
*crinita* misapplied, 305  
*dasyacantha* Engelmann, 299  
*decipiens* Scheidweiler, 306–307  
 subsp. *albescens* (Tiegel) Hunt, 307  
 subsp. *camptotricha* (Dams) Hunt, 307  
 subsp. *decipiens*, 307  
*deherdtiana* Farwig, 303  
 subsp. *dodsonii* (Bravo) Hunt, 303  
*densispina* (Coulter) Orcutt, 307  
*dioica* Brandege, 304  
*disciformis* de Candolle, 288  
*discolor* Haworth, 307  
*dixanthocentron* Mottram, 309  
*dodsonii* Bravo, 303  
*dumetorum* Purpus, 306  
*duoformis* Craig & Dawson, 308  
*durispina* Boedeker, 308  
*echinaria* de Candolle, 307  
*elegans* de Candolle, 308  
*elongata* de Candolle, 307  
*emskoetteriana* Quehl, 299  
*erectohamata* Boedeker, 305  
*ericantha* Pfeiffer, 308  
*erythrosperma* Boedeker, 305  
*fasciculata* Jackson, 226  
*fera-rubra* Craig, 307  
*fissurata* Engelmann, 289  
*formosa* Scheidweiler, 309  
 subsp. *chionocephala* (Purpus) Hunt, 309  
 subsp. *formosa*, 309  
 subsp. *pseudocrocigera* (Craig) Hunt, 309  
*fraileana* Boedeker, 304  
*fuaxiana* Backeberg, 308  
*gaumeri* (Britton & Rose) Orcutt, 310  
*geminispina* Haworth, 309  
 subsp. *geminispina*, 309  
 subsp. *leucocentra* (Berg) Hunt, 309  
*gigantea* Schumann, 310  
*goldii* Glass & Foster, 303  
*goodridgei* Salm-Dyck, 304  
*gracilis* Pfeiffer, 306  
*grahamii* Engelmann, 304  
 subsp. *grahamii*, 304  
 subsp. *shedonii* (Britton & Rose) Hunt, 304  
*grusonii* Runge, 310  
*guelzowiana* Werdermann, 303  
*gummifera* Engelmann, 310  
*haageana* Pfeiffer, 308–309  
 var. *schmollii* (Craig) Hunt, 308  
*hahniana* Werdermann, 309  
*haudeana* Lau & Wagner, 303  
*heidiae* Krainz, 303  
*hemisphaerica* Engelmann, 310  
*herrerae* Werdermann, 306  
*heyderi* Muehlenpfordt, 310  
*hidalgensis* Purpus, 308  
*hirsuta* Boedeker, 305  
*horripila* Lemaire, 287  
*humboldtii* Ehrenberg, 305–306  
*hutchinsoniana* (Gates) Boedeker, 304  
*icamolensis* Boedeker, 305  
*insularis* Gates, 304  
*johnstonii* (Britton & Rose) Orcutt, 310–311  
*karwinskiana* Martius, 311  
 subsp. *karwinskiana*, 311  
 subsp. *nejapensis* (Craig & Dawson) Hunt, 311  
*kelleriana* Craig, 308  
*kewensis* Salm-Dyck, 308  
*kraehenbuehlii* (Krainz) Krainz, 307  
*kuentziana* invalid, 306  
*kunzeana* Boedeker & Quehl, 305  
*lanata* (Britton & Rose) Orcutt, 309  
*lasiacantha* Engelmann, 305  
*lauri* Hunt, 306  
*leona* Poselger, 307  
*leucantha* Boedeker, 305  
*leucocentra* Berg, 309  
*lloydii* (Britton & Rose) Orcutt, 311  
*longicoma* (Britton & Rose) Berger, 305  
*longiflora* (Britton & Rose) Berger, 303  
*longimamma* de Candolle, 302  
*louisiae* Lindsay, 304  
*macdougalii* Rose, 310  
*magneticola* Meyran, 306  
*magnifica* Buchenau, 308  
*magnimamma* Haworth, 311  
*mainiae* Brandege, 304  
*mammillaris* (Linnaeus) Karsten, 310  
*marksiana* Krainz, 310  
*marshalliana* (Gates) Backeberg & Knuth, 311  
*matudae* Bravo, 308  
*mazatlanensis* Schumann, 305  
*meiacantha* Engelmann, 310  
*melanocentra* Poselger, 310  
*mendeliana* (Bravo) Werdermann, 309  
*mercadensis* Patoni, 305

- Mammillaria Haworth (*continued*)  
 meyranii Bravo, 308  
 microcarpa Engelm., 304  
 microhelia Werdermann, 307  
 microheliopsis Werdermann, 307  
 micromeris Engelm., 290  
   var. *bokai* (Benson) Glass & Foster, 291  
   var. *greggii* Engelm., 291  
   var. *unguispina* Boedeker, 291  
 milleri (Britton & Rose) Boedeker, 304  
 missouriensis Sweet, 299  
 moellendorffiana Shurly, 307  
 morgiana Tiegel, 309  
 muehlenpfordtii Foerster, 309  
 multiceps Salm-Dyck, 306  
 multidigitata Lindsay, 304  
 multiseta Ehrenberg, 311  
 mystax Martius, 311  
 napina Purpus, 303  
 neapensis Craig & Dawson, 311  
 neopotosina Craig, 309  
 nunezii (Britton & Rose) Orcutt, 308  
   subsp. *bella* (Backeberg) Hunt, 308  
   subsp. *nunezii*, 308  
 obconella Scheidweiler, 308  
 obscura Hildmann, 310  
 occidentalis (Britton & Rose) Boedeker, 305  
 ottonis Pfeiffer, 297  
 pacifica (Gates) Backeberg & Knuth, 311  
 papyracantha Engelm., 284  
 parkinsonii Ehrenberg, 309  
 pectinifera Weber, 306  
 pennispinosa Krainz, 305  
 perbella Schumann, 309  
 petrophila Gates subsp. *baxteriana* (Gates) Hunt, 311  
 petterssonii Hildmann, 310  
 phellosperma Engelm., 303  
 picta Meinhshausen, 306  
 pilcayensis Bravo, 308  
 pilispina Purpus, 306  
 plumosa Weber, 306  
 polythele Martius, 308  
   subsp. *obconella* (Scheidweiler) Hunt, 308  
   subsp. *polythele*, 308  
 pondii Greene, 303  
 poselgeri Hildmann, 302–303  
 pottsii Salm-Dyck, 307  
 praelii Muehlenpfordt, 311  
 pringlei (Coulter) Brandegee, 307  
 prolifera (Miller) Haworth, 306  
 pseudocrucigera Craig, 309  
 pseudoperbella Quehl, 309  
 pseudosupertexta, 309  
 pulliamata invalid, 308  
 radiosa Engelm., 298  
 rekoi (Britton & Rose) Vaupel, 308  
 rhodantha Link & Otto, 307  
   subsp. *fera-rubra* (Craig) Hunt, 307  
   subsp. *moellendorffiana* (Shurly) Hunt, 307  
   subsp. *rhodantha*, 307  
 rosenensis Craig, 309  
 saboae Glass, 303  
   subsp. *goldii* (Glass & Foster) Hunt, 303  
   subsp. *haudeana* (Lau & Wagner) Hunt, 303  
   subsp. *saboae*, 303  
 sanluisensis Shurly, 306  
 sanluisensis misapplied, 306  
 schiedeana Ehrenberg, 306  
 schumannii Hildmann, 304  
 scrippsiana (Britton & Rose) Orcutt, 310  
 semperviviva de Candolle, 309–310  
 senilis Salm-Dyck, 302  
 sheldonii (Britton & Rose) Boedeker, 304  
 shurliana (Gates) Gates, 304  
 similis Engelm., 299  
 simplex Haworth, 310  
 solisii (Britton & Rose) Boedeker, 308  
 sonorensis Craig, 310  
 sphacelata Martius, 307  
 sphaerica Dietrich, 302  
 spinosissima Lemaire, 308  
 subsp. *pilcayensis* (Bravo) Hunt, 308  
 standleyi (Britton & Rose) Orcutt, 310  
 supertexta Martius, 309  
 surculosa Boedeker, 302  
 swinglei (Britton & Rose) Boedeker, 304  
 tesopacensis Craig, 310  
 tetraacantha Pfeiffer, 308  
 tetrancistra Engelm., 303  
 theresae Cutak, 303  
 thornberi Orcutt, 304  
   subsp. *thornberi*, 304  
   subsp. *yaquensis* (Craig) Hunt, 304  
 tuberculosa Engelm., 298  
 uncinata Zuccarini, 310  
 vaupelii Tiegel, 308  
 vetula Martius, 306  
   subsp. *gracilis* (Pfeiffer) Hunt, 306  
   subsp. *vetula*, 306  
 viereckii Boedeker, 306  
 viperina Purpus, 307  
 viridiflora (Britton & Rose) Boedeker, 303  
 vivipara (Nuttall) Haworth, 298  
   subvar. *neomexicana* Engelm., 298  
 voburnensis Scheer, 311  
 wiesingeri Boedeker, 307  
 wildii Dietrich, 305  
 woodsii Craig, 309  
 wrightii Engelm., 303–304  
 yaquensis Craig, 304  
 yucatanensis (Britton & Rose) Orcutt, 308  
 zeilmanniana Boedeker, 305  
 zephyranthoides Scheidweiler, 303  
   subsp. *heidiae* (Krainz) Lüthy, 303  
   subsp. *zephyranthoides*, 303  
 zeyeriana Schumann, 310  
 zuccariniiana Martius, 311  
 Mamillopsis senilis (Salm-Dyck) Britton & Rose, 302  
 Mammilloidya Buxbaum, candida (Scheidweiler), 291  
 Manglietia Blume, 328–329  
   *forrestii* misapplied, 328  
   *hookeri* misapplied, 328  
   *insignis* (Wallich) Blume, 328  
 Mangostana morella Gaertner, 505  
 Marcgravia Choisy, 470–471  
   *brachysepala* Urban, 471  
   *brownii* (Triana & Planchon) Krug & Urban, 470  
   *rectiflora* Triana & Planchon, 470  
   *trinitatis* Presl, 470  
   *umbellata* Linnaeus, 470–471  
 Marcgraviaceae, 470–471  
 Marginatocereus marginatus (de Candolle) Backeberg, 222  
 Marniera chrysocardium (Alexander) Backeberg, 230  
 Matthiola R. Brown, 554  
   *fenestralis* (Linnaeus) R. Brown, 554  
   *fruticulosa* (Linnaeus) Maire, 554  
     subsp. *perennis* (P. Conti) P.W. Ball, 554  
     subsp. *valesiaca* (Boissier) P.W. Ball, 554  
   *incana* (Linnaeus) R. Brown, 554  
     ‘Brompton’, 554  
     ‘East Lothian’, 554  
     var. *annua* (Linnaeus) Voss, 554  
   *longipetala* (Ventenat) de Candolle, 554  
     subsp. *bicornis* (Sibthorpe & Smith) P.W. Ball, 554  
   *odoratissima* (Bieberstein) R. Brown, 554  
   *oyensis* Menier & Viaud, 554  
   *perennis* P. Conti, 554  
   *sinuata* (Linnaeus) R. Brown, 554  
   *tricuspidata* (Linnaeus) R. Brown, 554  
   *tristis* R. Brown, 554  
     subsp. *valesiaca* (Boissier) Rouy & Forcaud, 554  
   *varia* (Sibthorpe & Smith) de Candolle, 554  
 Matucana Britton & Rose, 247–248  
   *aurantiaca* (Vaupel) Buxbaum, 247  
   *aureiflora* Ritter, 248  
   *crinifera* Ritter, 247  
   *Cajamarca*, 248  
   *formosa* Ritter, 247  
   *haynei* (Otto) Britton & Rose, 247  
   *herzogiana* Backeberg, 247  
   *huagalensis* (Donald & Lau) Bergman, 247  
   *intertexta* Ritter, 247  
   *lutea*, 172  
   *madisoniorum* (Hutchison) Rowley, 247  
   *multicolor* Rauh & Backeberg, 247  
   *myriacantha* (Vaupel) Buxbaum, 247  
   *paucicostata* Ritter, 247  
   *ritteri* Buining, 247  
   *weberbaueri* (Vaupel) Backeberg, 247  
   *yanganicensis* Rauh & Backeberg, 247  
 Meconopsis Viguier, 526–530  
   *aculeata* Royle, 530  
   *baileyi* Prain, 529  
   *bella* Prain, 530  
   × *beamishii* Prain, 529–530  
   *betonicifolia* Franchet, 529  
   *cambrica* (Linnaeus) Viguier, 527  
   *chelonifolia* Bureau & Franchet, 527–528  
   × *cookei* G. Taylor, 529  
   *delavayi* (Franchet) Prain, 528  
   *dhwojii* Hay, 528  
   *discigera* Prain, 530  
   *grandis* Prain, 529–530  
   *heterophylla* Bentham, 530  
   *horridula* J.D. Hooker & Thomson, 530  
   *integrifolia* (Maximowicz) Franchet, 529  
   *latifolia* (Prain) Prain, 530

- napaulensis D. Don, 528  
 paniculata (D. Don) Prain, 528  
 punicea Maximowicz, 529  
 quintuplinervia Regel, 529  
 regia G. Taylor, 528  
   × sarsonii Sarsons, 529  
   × sheldonii G. Taylor, 529  
 sherriffii G. Taylor, 529  
 simplicifolia (D. Don) Walpers, 528–529  
 superba Prain, 528  
 villosa (J.D. Hooker) G. Taylor, 528  
 wallichii Hooker, 528  
*Mediocactus coccineus* (de Candolle) Britton. & Rose, 230  
*Mediolobivia kesselringiana* Cullmann, 258  
 Megacarpaea de Candolle, 578  
   bifida Benthams, 578  
   megalocarpa (de Candolle) B. Fedtschenko, 578  
   polyandra Benthams, 578  
*Melandrium dioicum* (Linnaeus) Cosson & Germaine, 187  
   *elisabethae* (Jan) Rohrbach, 185  
   *keiskii* (Miquel) Ohwi, 186  
   *rubrum* (Weigel) Garcke, 186–197  
   *zawadzki* (Herbich) Braun, 185  
 Melocactus Link & Otto, 239–241  
   *actinacanthus* Areces Mallea, 240  
   *acunai* Leon, 241  
   *albescens* (Tiegel) Hunt, 307  
   *albicephalus* Buining & Brederoo, 240  
   *anethystinus* Buining & Brederoo, 240  
   *amstutziae* Rauh & Backeberg, 241  
   *axiniphorus* Buining & Brederoo, 240  
   *azulensis* Buining et al., 240  
   *azureus* Buining & Brederoo, 240  
   *bahiensis* (Britton & Rose), Luetzelburg, 240  
   *bahiensis* misapplied, 240  
   *borhidii* Meszaros, 241  
   *broadwayi* (Britton & Rose), Berger, 241  
   *canescens* Ritter, 240  
   *communis* (Aiton) Link & Otto, 241  
   *concinus* Buining & Brederoo, 240  
   *coronatus* Backeberg, 241  
   *curvicornis* Buining & Brederoo, 240  
   *curvispinus* Pfeiffer, 241  
   *delessertianus* Lemaire, 241  
   *depressus* Hooker, 240  
   *diersianus* Buining & Brederoo, 240  
   *ernestii* Vaupel, 240–241  
   *erythracanthus* Buining & Brederoo, 240  
   *evae* Meszaros, 241  
   *florschuetzianus* Buining & Brederoo, 240  
   *fortalezensis* Rauh & Backeberg, 241  
   *giganteus* Buining & Brederoo, 240  
   *glaucescens* Buining & Brederoo, 240  
   *griseoloviridis* Buining & Brederoo, 240  
   *harlowii* (Britton & Rose) Vaupel, 241  
   *helvolilanatus* Buining & Brederoo, 240  
   *huallancaensis* Rauh & Backeberg, 241  
   *interpositus* Ritter, 240  
   *intortus* (Miller) Urban, 241  
   *jansenianus* Backeberg, 241  
   *krainzianus* Buining & Brederoo, 240  
   *lensselinkianus* Buining & Brederoo, 240  
   *levitestatus* Buining & Brederoo, 240  
   *longispinus* Buining et al., 240  
   *macrodiscus* Werdermann, 240  
   *matanzanus* Leon, 240  
   *maxonii* (Rose) Guerke, 241  
   *nagyi* Meszaros, 241  
   *nitidus* Ritter, 240  
   *oaxacensis* (Britton & Rose) Backeberg, 241  
   *peruvianus* Vaupel, 241  
   *radoczi* Meszaros, 241  
   *robustispinus* Buining et al., 240  
   *rubrispinus* Ritter, 240  
   *Salvador* Murillo, 241  
   *salvadorensis* Werdermann, 241  
   *saxicola* Diers & Esteves Pereira, 240  
   *securituberculatus* Buining & Brederoo, 240  
   *trujilloensis* Rauh & Backeberg, 241  
   *uebelmannii* Braun, 240  
   *unguispinus* Backeberg, 241  
   *violaceus* Pfeiffer, 240  
   *warasii* Esteves Pereira & Buenecker, 240  
   *zehntneri* (Britton & Rose) Luetzelburg, 240  
 Menispermaceae, 420–422  
 Menispermum Linnaeus, 422  
   *canadense* Linnaeus, 422  
   *dauricum* de Candolle, 422  
*Meratia praecox* (Linnaeus) Rehder & Wilson, 337  
 Mesembryanthemaceae, 172  
 Mesembryanthemum Linnaeus, 141  
   *barklyi* Braun, 141  
   *bellidiflorum* Linnaeus, 143  
   *cordifolium* Linnaeus, 140  
   *crystallinum* Linnaeus, 141  
   *digitatum* Aiton, 141  
   *digitiforme* Thunberg, 141  
   *dolomiticum* Dinter, 143  
   *duale* Brown, 142  
   *grandifolium* misapplied, 141  
   *macowanii* Bolus, 143  
   *molle* Berger, 143  
   *multiflorum* Haworth, 142  
   *odontocalyx* Schlechter & Diels, 142  
   *perfoliatum* Miller, 142  
   *purpureoocroceum* Haworth, 172  
   *pygmaeum* Haworth, 143  
   *quartziticum* Dinter, 143  
   *semidentatum* Salm-Dyck, 142  
   *spinosum* Linnaeus, 143  
   *strubeniae* Bolus, 142  
   *tumidulum* Brown & Bolus, 142  
   *tumidulum* Haworth, 142  
   *umbellatum* Linnaeus, 142  
   *uncinatum* Linnaeus, 142  
   *vulvarium* Dinter, 142  
 Meyerophytum Schwantes, 175  
   *meyeri* (Schwantes) Schwantes, 175  
 Michelia Linnaeus, 328–329  
   *champaca* Linnaeus, 328  
   *compressa* (Maximowicz) Sargent, 328  
   *doltsopa* de Candolle, 329  
   *figo* (Loureiro) Sprengel, 328  
   *fusca* (Andrews) Wallich, 328  
 Micranthocereus Backeberg, 238  
   *densiflorus* Buining & Brederoo, 238  
   *flaviflorus* Buining & Brederoo, 238  
   *polyanthus* (Werdermann) Backeberg, 238  
   *purpureus* (Guercke) Ritter, 238  
   *violaciflorus* Buining, 238  
 Mila Britton & Rose, 242  
   *caespitosa* Britton & Rose, 242  
     subsp. *caespitosa*, 242  
     subsp. *pugionifera* (Britton & Rose) Hunt, 242  
   *fortalezensis* Rauh & Backeberg, 242  
   *pugionifera* Rauh & Backeberg, 242  
   *sublanata* Rauh & Backeberg, 242  
 Minuartia Linnaeus, 199–200  
   *aretoides* (Sommerauer) Schinz & Thellung, 200  
   *cherleroides* (Hoppe) Becherer, 199  
   *graminifolia* (Arduino) Jávorka, 199  
   *laricifolia* (Linnaeus) Schinz & Thellung, 200  
   *recurva* (Allioni) Schinz & Thellung, 199  
   *sedoides* (Linnaeus) Hiern, 200  
   *verna* (Linnaeus) Hiern, 199–200  
     subsp. *verna*, 200  
     ‘*Aurea*’, 200  
 Mirabilis Linnaeus, 136–137  
   *jalapa* Linnaeus, 136–137  
     ‘*Pumila Variegata*’, 137  
     ‘*Variegata*’, 137  
   *longiflora* Linnaeus, 137  
     ‘*Violacea*’, 137  
     var. *wrightiana* (Gray) Kearney & Peebles, 137  
 Mitrophyllum Schwantes, 174  
   *clivorum* (Brown) Schwantes, 174  
   *framesii* Bolus, 174  
   *grande* Brown, 174  
   *meyeri* Schwantes, 175  
   *mitratum* (Marloth) Schwantes, 174  
 Moehringia Linnaeus, 200  
   *muscosa* Linnaeus, 200  
*Malacocarpus arechavaletai* (Spegazzini) Berger, 271  
   *corynodes* (Pfeiffer) Krainz, 274  
   *erinaceus* (Haworth) Ruempler, 274  
   *fricii* (Arechavaleta) Berger, 274  
   *heptacanthus* Rodrigues, 264  
   *pauciareolatus* (Arechavaleta) Berger, 274  
   *sellowii* (Link & Otto) Schumann, 274  
   *sessiliflorus* (Pfeiffer) Backeberg, 274  
   *tephracanthus* (Link & Otto) Schumann, 274  
   *vorwerckianus* (Werdermann) Backeberg, 274  
 Monilaria (Schwantes) Schwantes, 174–175  
   *chrysoleuca* (Schlechter) Schwantes, 175  
     var. *chrysoleuca*, 175  
     var. *polita* (Bolus) Ihlenfeldt & Jorgensen, 175  
   *moniliformis* (Thunberg) Ihlenfeldt & Jorgensen, 175  
   *pisiformis* (Haworth) Schwantes, 175  
 Monimiaceae, 336  
 Monodora Dunal, 333  
   *myristica* (Gaertner) Dunal, 33  
 Montia Linnaeus, 181  
   *australasica* (Hooker) Pax & Hoffmann, 181  
   *perfoliata* (Willdenow) Howell, 181  
   *sibirica* (Linnaeus) Howell, 181  
 Monvillea Britton & Rose, 236  
   *campinensis* (Backeberg & Voll) Backeberg, 236  
   *rhodoleucantha* (Schumann) Berger, 236

- Monvillea* Britton & Rose (*continued*)  
*smithiana* (Britton & Rose) Backeberg, 236  
*spgazzinii* (Weber) Britton & Rose, 237  
 Moraceae, 87–103  
*Morawetzia doelziana* Backeberg, 246  
*Moricandia* de Candolle, 579  
   *arvensis* (Linnaeus) de Candolle, 579  
   *moriciandoides* (Boissier) Heywood, 579  
   *ramburii* Webb, 579  
*Morisia* Gay, 581  
   *hypogaea* Gay, 581  
   *monanthos* Viviani, 581  
*Morus* Linnaeus, 87–88  
   *acidosa* Griffith, 88  
   *alba* Linnaeus, 87–88  
     ‘Laciniata’, 88  
     ‘Pendula’, 88  
   var. *mongolica* Bureau, 88  
   var. *multicaulis*, 87  
   *australis* Poiré, 88  
   *cathayana* Hemsley, 88  
   *kagayamae* Koidzumi, 87  
   *mongolica* (Bureau) Schneider, 88  
   *multicaulis* Perrotet, 87  
   *nigra* Linnaeus, 88  
   *papyrifera* Linnaeus, 88  
   *rubra* Linnaeus, 88  
*Muehlenbeckia* Meissner, 132  
   *adpressa* (Labillardière) Meissner, 132  
     var. *hastata* Meissner, 132  
   *axillaris* (Hooker) Walpers, 132  
   *australis* (Forster) Meissner, 132  
   *complexa* (Cunningham) Meissner, 132  
     var. *microphylla* (Colenso) Cockayne, 132  
     var. *triloba* (Colenso) Chesseman, 132  
   *ephedroides* Hooker, 132  
     var. *muriculata* (Colenso) Cheeseman, 132  
   *gunnii* (Hooker) Walpers, 132  
   *nana* misapplied, 132  
   *platyclada* (Mueller) Meissner, 133  
   *sagittifolia* (Ortega) Meissner, 132  
   *triloba* Colenso, 132  
   *varians* Meissner, 132  
*Murbeckiella* Rothmaler, 550  
   *pinnatifida* (Lamarck) Rothmaler, 550  
*Myosurus* Linnaeus, 387  
   *minus* Linnaeus, 387  
*Myriandra prolifica* (Linnaeus) Spach, 494  
*Myrica* Linnaeus, 15–16  
   *asplenifolia* Linnaeus, 16  
   *californica* Chamisso, 16  
   *carolinensis* Miller, 16  
   *carolinensis* misapplied, 15  
   *cerifera* Linnaeus, 16  
   *faya* Aiton, 16  
   *gale* Linnaeus, 15  
     var. *tomentosa* de Candolle, 15  
   *heterophylla* Rafinesque, 16  
   *pensylvanica* Loiseleur-Deslongchamps, 15–16  
   *peregrina* (Linnaeus) Kuntze, 16  
   *rubra* Siebold & Zuccarini, 16  
 Myricaceae, 15–16  
*Myriocarpa* Bentham, 106–107  
   *stipitata* Bentham, 107  
*Myristica* Gronovius, 333  
   *argentea* Warburg, 333  
   *fragrans* Houttuyn, 333  
   *officinalis* Linnaeus, 333  
 Myristicaceae, 333  
*Myrtillocactus* Console, 224  
   *geometrizans* (Martius) Console, 224  
   *schenkii* (Purpus) Britton & Rose, 224  
  
 Namibia (Schwantes) Dinter & Schwantes, 159  
   *cinerea* (Marloth) Dinter & Schwantes, 159  
   *ponderosa* (Dinter) Dinter & Schwantes, 159  
*Nananthus malherbei* Bolus, 156  
*Nandina* Thunberg, 390  
   *domestica* Thunberg, 390  
   var. *leucocarpa* Yanagawa, 390  
*Nasturtium* R. Brown, 556  
   *microphyllum* Reichenbach, 556  
   *officinale* R. Brown, 556  
   *uniseriatum* Howard & Manton, 556  
*Navajoa fickeisenii* Backeberg, 281  
   *peeblesiana* Croizat, 281  
*Nelumbo* Adanson, 428  
   *flavescens* Bailey, 428  
   *lutea* (Willdenow) Persoon, 428  
     ‘Flavescens’, 428  
   *nucifera* Gaertner, 428  
     ‘Alba’, 428  
     ‘Alba Grandiflora’, 428  
     ‘Roseum’, 428  
     ‘Shiroma’, 428  
   *pentapetala* (Walter) Fernald, 428  
   *speciosa* Willdenow, 428  
*Nelumbonaceae*, 428  
*Neobesseyia missouriensis* (Sweet) Britton & Rose, 299  
   *zilziana* (Boedeker) Boedeker, 299  
*Neobuxbaumia* Backeberg, 223  
   *euphorbioides* (Haworth) Bravo, 223  
   *polylopha* (de Candolle) Backeberg, 223  
*Neocardenasia herzogiana* Backeberg, 221  
*Neochilenia aerocarpa* (Ritter) Backeberg, 266  
   *chilensis* (Schumann) Backeberg, 266  
   *krausii* (Ritter) Backeberg, 266  
   *mebbesii* (Schumann) Backeberg, 266  
   *mitis* (Philippi) Backeberg, 266  
   *napina* (Philippi) Backeberg, 266  
*Neoveansia striata* (Brandege) Sanchez-Majorada, 222  
*Neogomesia agavoides* Castaneda, 290  
*Neohenricia* Bolus, 159  
   *sibbetii* (Bolus) Bolus, 159  
*Neolitsea* (Bentham) Merrill, 339  
   *glauc* misapplied, 339  
   *latifolia* misapplied, 339  
   *sericea* (Blume) Koidzumi, 339  
*Neolloydia* Britton & Rose, 290  
   *begunii* Britton & Rose, 286  
   *ceratites* (Quehl) Britton & Rose, 290  
   *conoidea* (de Candolle) Britton & Rose, 290  
   *erectocentra* (Coulter) Benson, 283  
   *gielsdorfiana* (Werdermann) Knuth, 287  
   *grandiflora* (Pfeiffer) Knuth, 290  
   *horripila* (Lemaire) Britton & Rose, 287  
   *intertexta* (Engelmann) Benson, 283  
   *johnsonii* (Engelmann) Benson, 283  
   *knuthiana* (Boedeker) Knuth, 287  
   *lauri* (Glass & Foster) Anderson, 287  
   *lophophoroides* (Werdermann) Anderson, 287  
   *macdowellii* (Quehl) Moore, 285  
   *mandragora* (Berger) Anderson, 286  
   *mariposensis* (Hester) Benson, 283  
   *matehualensis* Backeberg, 290  
   *odorata* (Boedeker) Backeberg, 297  
   *pseudomacroechele* (Backeberg) Anderson, 288  
   *pseudoplectinata* (Backeberg) Anderson, 288  
   *saueri* (Boedeker) Knuth, 287  
   *schmiedickeana* (Boedeker) Anderson, 287  
     var. *dickisoniae* (Glass & Foster) Anderson, 288  
     var. *flaviflora* (Frank & Lau) Anderson, 288  
     var. *gracilis* (Glass & Foster) Anderson, 287  
     var. *klinkeriana* (Backeberg & Jacobsen) Anderson, 288  
     var. *macrochele* (Werdermann) Anderson, 288  
     var. *schwarzii* (Shurly) Anderson, 288  
   *smithii* (Muehlenpfordt) Kladiwa & Fittkau, 286  
   *subterranea* (Backeberg) Moore, 287  
     var. *zaragozae* (Glass & Foster) Anderson, 286  
   *texensis* Britton & Rose, 290  
   *valdeziana* (Moeller) Anderson, 288  
   *viereckii* (Werdermann) Knuth, 287  
   *warnockii* Benson, 283  
*Neolobivia divaricata* Ritter, 254  
*Neomammillaria baxteriana* Gates, 311  
   *capensis* Gates, 304  
   *celsiana* Britton & Rose, 309  
   *collinsii* Britton & Rose, 311  
   *confusa* Britton & Rose, 311  
   *fraileana* Britton & Rose, 304  
   *gaumeri* Britton & Rose, 310  
   *hutchinsoniana* Gates, 304  
   *johnstonii* Britton & Rose, 310  
   *lanata* Britton & Rose, 309  
   *Lloydii* Britton & Rose, 311  
   *longiflora* Britton & Rose, 303  
   *marshalliana* Gates, 311  
   *mendeliana* Bravo, 309  
   *nunezii* Britton & Rose, 308  
   *occidentalis* Britton & Rose, 305  
   *pacifica* Gates, 311  
   *rekoii* Britton & Rose, 308  
   *scrippsiana* Britton & Rose, 310  
   *sheldonii* Britton & Rose, 304  
   *solisii* Britton & Rose, 308  
   *standleyi* Britton & Rose, 310  
   *swinglei* Britton & Rose, 304  
   *viridiflora* Britton & Rose, 303  
   *yucatanensis* Britton & Rose, 308  
*Neoporteria aerocarpa* invalid, 266  
   *bicolor* (Akers & Buining) Donald & Rowley, 267  
   *bulbocalyx* (Werdermann) Donald & Rowley, 267  
   *chilensis* (Schumann) Britton & Rose, 266  
   *choapensis* (Ritter) Donald & Rowley, 266



- clavata* (Soehrens) Werdermann, 265  
*coimasensis* Ritter, 265  
*curvispina* (Bertero) Donald & Rowley, 266  
*dimorpha* (Ritter) Backeberg, 266  
*divaricatiflora* invalid, 267  
*froehlichiana* invalid, 266  
*gerocephala* Ito, 265  
*glabrescens* invalid, 266  
*horrida* (Gay) Hunt, 266  
*intermedia* (Ritter) Donald & Rowley, 266  
*islayensis* (Foerster) Donald & Rowley, 267  
*jussieui* (Monville) Britton & Rose, 266  
*kesselringiana* invalid, 266  
*krainziana* (Ritter) Donald & Rowley, 267  
*krausii* (Ritter) Buxbaum, 266  
*kunzei* (Foerster) Backeberg, 266  
*lindleyi* (Foerster) Donald & Rowley, 267  
*litoralis* Ritter, 265  
*mammillarioides* misapplied, 265  
*maritima* invalid, 267  
*mebbesii* invalid, 266  
*microsperma* Ritter, 265  
*mitis* invalid, 266  
*multicolor* Ritter, 265  
*napina* (Philippi) Backeberg, 266  
*nidus* Britton & Rose, 265  
*nigricans* (Linke) Britton & Rose, 266  
*nigrihorrida* (Backeberg & Knuth) Backeberg, 265  
*odieri* (Lemaire) Backeberg, 266  
*paucicostata* (Ritter) Donald & Rowley, 266  
*rapifera* Ritter, 265  
*reichiei* (Schumann) Backeberg, 266  
*robusta* Ritter, 265  
*setosiflora* (Ritter) Donald & Rowley, 266  
*subgibbosa* (Haworth) Britton & Rose, 265  
*taltalensis* Hutchison, 266  
*tuberisulcata* (Jacobi) Donald & Rowley, 266  
 var. *froehlichiana* (Schumann) Donald & Rowley, 266  
*villosa* (Monville) Berger, 266  
*wagenknechtii* Ritter, 265
- Neoraimondia Britton & Rose, 221  
*arequipensis* (Meyen) Backeberg, 221  
*herzogiana* (Backeberg) Buxbaum, 221  
*macrostibas* (Schumann) Backeberg, 221  
*roseiflora* (Werdermann & Backeberg) Backeberg, 221
- Neowerdermannia Backeberg, 264–265  
*chilensis* Backeberg, 265  
*vorwerkii* (Fric) Backeberg, 264–265
- Nepenthaceae, 507–514
- Nepenthes Linnaeus, 508–514  
*albomarginata* Lindley, 510  
*alata* Blanco, 511  
*ampullaria* Jack, 509–510  
*bicalcarata* J.D. Hooker, 510  
*burbidgeae* Burbidge, 512  
 × ‘chelsonii’, 509  
 × ‘coccinea’, 509  
 × coccinea Group, 509  
 × ‘dormanniana’, 509  
 × ‘dominii’, 509  
*fusca* Danser, 512–513  
*gracilis* Korthals, 513  
*gracillima* Ridley, 514  
 × ‘henryana’, 509  
 × hookeriana Lindley, 510  
 × ‘hybrida’, 509  
*khasiana* J.D. Hooker, 513  
*lowii* J.D. Hooker, 511  
*macfarlanei* Hemsley, 511  
*macrovulgaris* Turnbull & Middleton, 514  
*maxima* Nees, 512  
*merrilliana* Macfarlane, 513  
*mirabilis* (Loureiro) Druce, 509  
 ‘morganae’, 509  
*northiana* J.D. Hooker, 512  
*pilosa* Danser, 512  
*rafflesiana* Jack, 514  
*rajah* J.D. Hooker, 510–511  
*reinwardtiana* Miquel, 510  
 ‘sanderiana’, 509  
*sanguinea* Lindley, 514  
*stenophylla* Masters, 512  
*tentaculata* J.D. Hooker, 513  
 × *trichocarpa* Miquel, 510  
*truncata* Macfarlane, 510  
*ventricosa* Blanco, 511  
*veitchii* J.D. Hooker, 511–512  
*viellardii* J.D. Hooker, 513  
 × ‘williamsii’, 509
- Nigella* Linnaeus, 355  
*damascena* Linnaeus, 355  
 ‘Miss Jekyll’, 355  
 ‘Persian Jewels’, 355  
*hispanica* Linnaeus, 355  
 ‘Alba’, 355  
 ‘Atropurpurea’, 355  
*sativa* Linnaeus, 355
- Noccaea alpina* (Linnaeus) Reichenbach, 574
- Nopalea* Salm-Dyck, 315  
*auberi* (Pfeiffer) Salm-Dyck, 315  
*cochenillifera* (Linnaeus) Salm-Dyck, 315
- Nopalxochia phyllanthoides* (de Candolle) Britton & Rose, 231
- Normanbokea pseudopectinata* (Backeberg) Kladiwa & Buxbaum, 288  
*valdeziana* (Moeller) Kladiwa & Buxbaum, 288
- Norysca chinensis* (Linnaeus) Spach, 479  
*patula* (Thunberg) Voigt, 481  
 var. *salicifolia* (Sieber & Zuccarini) Y. Kimura, 479
- Nothofagus* Blume, 61–64  
*alessandri* Espinosa, 64  
*alpina* (Poeppig & Endlicher) Oersted, 64  
*antarctica* (Forster) Oersted, 64  
*betuloides* (Mirbel) Blume, 62  
*cliffortioides* (Hooker) Oersted, 62  
*cunninghamii* (Hooker) Oersted, 62  
*dombeyi* (Mirbel) Blume, 62  
*fusca* (Hooker) Oersted, 62  
*glauca* (Philippi) Mirbel, 63  
*menziesii* (Hooker) Oersted, 62  
*moorei* (Mueller) Krasser, 62  
*nitida* (Philippi) Krasser, 62  
*obliqua* (Mirbel) Blume, 62, 64  
*procera* (Poeppig & Endlicher) Oersted, 64  
*pumilio* (Poeppig & Endlicher) Krasser, 64  
*solandri* (Hooker) Oersted, 62  
 var. *cliffortioides* (Hooker) Poole, 62
- Notocactus acutus* Ritter, 274  
*agnetae* Vliet, 272  
*alacriportanus* (Backeberg & Voll) Buxbaum, 271  
*allosiphon* Marchesi, 273  
*apricus* (Arechavaleta) Berger, 272  
*arachnites* Ritter, 273  
*arechavaletai* (Spegazzini) Herter, 271  
*arechavaletai* misapplied, 271  
*blaauwianus* Vliet, 272  
*brevihamatus* (Backeberg) Buxbaum, 271  
*buenekeri* (Buining) Buxbaum, 271  
*buiningii* Buxbaum, 274  
*caespitosus* (Spegazzini) Backeberg, 272  
*carambeiensis* Buining & Brederoo, 272  
*claviceps* (Ritter) Krainz, 271  
*concinus* (Monville) Berger, 272  
*corynodes* (Pfeiffer) Krainz, 274  
*crassigibbus* Ritter, 273  
*eremiticus* Ritter, 272  
*erinaceus* (Haworth) Krainz, 274  
*floricomus* (Arechavaleta) Berger, 273  
*fricii* (Arechavaleta) Krainz, 274  
*fuscus* Ritter, 272  
*glaucinus* Ritter, 271  
*globularis* Ritter, 271  
*graessneri* (Schumann) Berger, 271  
*grossei* (Schumann) Fric, 270  
*haselbergii* (Ruempler) Berger, 271  
*herteri* (Werdermann) Buining & Kreuzinger, 273  
*horstii* Ritter, 273  
*ibicuensis* Prestle, 271  
*incomptus* Anon, 272  
*laetivirens* Ritter, 271  
*leninghausii* (Schumann) Berger, 271  
*linkii* (Lehmann) Herter, 272  
*magnificus* (Ritter) Taylor, 271  
*mammulosus* (Lemaire) Berger, 273  
*megapotamicus* (Osten) Herter, 272  
*minus* Fric & Kreuzinger, 273  
*mueller-melchersii* Backeberg, 273  
*mueller-moelleri* Fleischer & Scheutz, 273  
*multicostatus* Buining & Brederoo, 272  
*muricatus* (Pfeiffer) Berger, 272  
*neobuenekeri* Ritter, 272  
*neohorstii* Theunissen, 274  
*ottonis* (Lehmann) Berger, 271  
*oxycostatus* Buining & Brederoo, 272  
*pampeanus* (Spegazzini) Backeberg, 273  
*pauciareolatus* (Arechavaleta) Krainz, 274  
*purpureus* Ritter, 273  
*roseolutes* Vliet, 273  
*rutilans* Daeniker & Krainz, 273  
*schummannianus* (Nicolai) Fric, 270  
*scopa* (Sprengel) Berger, 272  
*securituberculatus* Ritter, 272  
*sessiliflorus* (Pfeiffer) Krainz, 274  
*submammulosus* (Lemaire) Backeberg, 273  
*succineus* Ritter, 272  
*tabularis* (Ruempler) Berger, 272  
*tenuicylindricus* Ritter, 273  
*tephacanthus* (Link & Otto) Krainz, 274  
*uebelmannianus* Buining, 273  
*vanvlietii* var. *gracilis* Rausch, 272  
*villa-velhensis* (Backeberg & Voll) Slaba, 272

- Notocactus acutus* Ritter (*continued*)  
*warasii* (Ritter) Hewitt & Donald, 271  
*werdermannianus* Herter, 272  
*Notothlaspi* J.D. Hooker, 578–579  
*rosulatum* J.D. Hooker, 579  
*Nuphar* Smith, 426  
*advena* (Aiton) Aiton, 426  
*japonica* de Candolle, 426  
*lutea* (Linnaeus) Smith, 426  
*pumila* (Timm) de Candolle, 426  
 Nyctaginaceae, 135–137  
*Nyctocereus serpentinus* (Lagasca & Rodriguez)  
 Britton & Rose, 222  
*Nymphaea* Linnaeus, 422–426  
*alba* Linnaeus, 425  
   ‘Candidissima’, 425  
   ‘Candidissima Rosea’, 425  
   var. *rubra* Lonnroth, 425  
*amazonum* Martius & Zuccarini, 426  
*baumii* Rehnelt & Henkel, 424  
*caerulea* misapplied, 424  
*caerulea* Savigny, 424  
   var. *albiflora* Caspary, 424  
*candida* Presl & Presl, 425  
*capensis* misapplied, 424  
*capensis* Thunberg, 424  
   ‘Azurea’, 424  
   var. *zanzibariensis* (Caspary) Conard,  
   424  
*citrina* Peter, 424  
*colorata* Peter, 424  
   × *daubenyana* Daubeny, 424  
*elegans* Hooker, 424  
*flava* Leitner, 424  
*flavovirens* Lehman, 423–424  
*gigantea* Hooker, 423  
   forma *rosea* Benthams & Muller, 423  
   var. *alba* (Benthams & Muller) Landon, 423  
*gracilis* misapplied, 423  
   × *helvola* Anon., 425  
*heudelotii* Planchon, 424  
   × *laydekeri* Marliac, 425  
   ‘Fulgens’, 425  
   ‘Liliacea’, 425  
   ‘Purpurata’, 425  
*lotus* Linnaeus, 425–426  
   ‘Dentata Superba’, 426  
   var. *dentata* misapplied, 425  
   var. *dentata* (Schumacher & Thonning)  
   Nichols, 426  
   var. *thermalis* (de Candolle) Tucson, 425  
   × *marliacea* Marliac, 425  
   ‘Albida’, 425  
   ‘Carnea’, 425  
   ‘Chromatella’, 425  
   ‘Flammea’, 425  
   ‘Rosea’, 425  
*mexicana* Zuccarini, 424  
*micrantha* Guillemin & Perrott, 424  
*odorata* Aiton, 425  
   var. *gigantea* Tricker, 425  
   var. *minor* Sims, 425  
   var. *rosea* Pursh, 425  
*pygmaea* Aiton, 425  
   var. *helvola* Marliac, 425  
*rubra* Roxburgh & Salisbury, 426  
   ‘Rosea’, 426  
*stellata* misapplied, 424  
*stellata* Willdenow, 424  
   var. *cyanea* (Roxburgh) Hooker &  
   Thomson, 424  
   var. *versicolor* (Roxburgh) Hooer &  
   Thomson, 424  
*stuhlmannii* (Schweinfurth) Gilg, 424  
*tetragona* Georgi, 424–425  
   ‘Helvola’, 425  
*tuberosa* Paine, 425  
   var. *flavescens* invalid, 425  
 Nymphaeaceae, 422–427  
*Obregonia* Fric, 289  
   *denegrii* Fric, 289  
*Ochna* Schreber, 455–456  
   *atropurpurea* de Candolle, 455  
   *atropurpurea* invalid, not de Candolle,  
   455  
   *japonica* misapplied, 455  
   *kirkii* D. Oliver, 455–456  
   *multiflora* misapplied, 455  
   *serratifolia* misapplied, 455  
   *serrulata* (Hochstetter) Walpers, 455  
 Ochnaceae, 455–456  
*Odontophorus* Brown, 149–150  
   *marlothii* Brown, 150  
   *nanus* Bolus, 150  
   *primulinus* Bolus, 150  
 Olacaceae, 121–122  
*Ola* Linnaeus, 121–122  
   *imbricata* Roxburgh, 122  
   *scandens* Roxburgh, 122  
   *stricta* Brown, 122  
*Ongokea* Pierre, 122  
   *gore* (Hua) Pierre, 122  
*Oophytum* Brown, 171  
   *nanum* (Schlechter) Bolus, 171  
   *oviforme* (Brown) Brown, 171  
*Ophthalmophyllum* *friedrichiae* (Dinter) Dinter &  
 Schwantes, 170  
   *jacobsenianum* Schwantes, 170  
   *praesectum* (Brown) Schwantes, 170  
   *schlechteri* Schwantes, 171  
*Opuntia* Miller, 315  
   *arborescens* Engelm., 313  
   *articulata* (Pfeiffer) Hunt, 313  
   *auberi* Pfeiffer, 315  
   *aurantiaca* Lindley, 315–316  
   *basilaris* Engelm. & Bigelow, 316  
   *brasiliensis* (Willdenow) Haworth, 314  
   *clavarioides* Pfeiffer, 312  
   *cochenillifera* (Linnaeus) Miller, 315  
   *compressa* (Salisbury) Macbride, 316  
   *corrugata* Salm-Dyck, 314  
   *cylindrica* (Lamarck) de Candolle, 312  
   *dillenii* (Ker Gawler) Haworth, 316  
   *emoryi* Engelm., 314  
   *engelmannii* Salm-Dyck, 317  
   *engelmannii* misapplied, 316  
   *erinacea* Engelm. & Bigelow, 316  
   var. *ursina* (Weber) Parrish, 316  
   var. *utahensis* (Engelm.) Benson, 316  
   *exaltata* Berger, 312  
   *ficus-indica* (Linnaeus) Miller, 317  
   *floccosa* Salm-Dyck, 312  
   *fragilis* (Nuttall) Haworth, 315  
   *glomerata* Haworth, 312  
   *gosseliniana* Weber, 316  
   *humifusa* (Rafinesque) Rafinesque, 316  
   *hystricina* Engelm. & Bigelow, 316  
   *imbricata* (Haworth) de Candolle, 313  
   *inermis* (de Candolle) de Candolle, 316  
   *invicta* Brandege, 314  
   *leptocaulis* de Candolle, 313  
   *leucotricha* de Candolle, 316  
   *macracantha* Grisebach, 314  
   *macrocentra* Engelm., 316  
   *marenae* Parsons, 314  
   *megacantha* Salm-Dyck, 317  
   *microdasys* (Lehmann) Pfeiffer, 316  
   *molinensis* Spegazzini, 313  
   *monacantha* (Willdenow) Haworth,  
   316–317  
   *pailana* Weingart, 316  
   *pallida* Rose, 313  
   *paraguayensis* Schumann, 317  
   *pentlandii* Salm-Dyck, 312  
   *pestifer* Britton & Rose, 316  
   *phaeacantha* Engelm., 316  
   *polyacantha* Haworth, 316  
   *pubescens* Pfeiffer, 316  
   *rafinesquei* Engelm., 316  
   *robusta* Pfeiffer, 317  
   *salmiana* Pfeiffer, 315  
   *scheeri* Weber, 316  
   *sphaerica* Foerster, 312  
   *spiniosissima* (Martin) Miller, 314  
   *stricta* Haworth, 316  
   subsp. *dillenii* (Ker Gawler) Benson, 316  
   subsp. *stricta*, 316  
   *subinermis* Backeberg, 312  
   *subulata* (Muehlenpfordt) Engelm., 312  
   *tomentosa* Salm-Dyck, 316  
   *tunicata* (Lehmann) Link & Otto, 313  
   *verschaffeltii* Cels, 312  
   *vestita* Salm-Dyck, 312  
   *violacea* Engelm., 316  
   *vulgaris* misapplied, 316  
*Oreocereus* (Berger) Riccobono, 246–247  
   *celsianus* (Salm-Dyck) Riccobono, 246  
   *doelzianus* (Backeberg) Borg, 246  
   *fossulatus* (Labouret) Backeberg, 246  
   *hempelianus* (Guerke) Hunt, 246–247  
   *hendriksenianus* Backeberg, 246  
   *lecoriensis*,  
   *leucotrichus* (Philippi) Wagenknecht, 246  
   *maximus* Backeberg, 246  
   *neocelsianus* Backeberg, 246  
   *pseudofossulatus* Hunt, 246  
   *rettigii* (Quehl) Buxbaum, 246  
   *trollii* (Kupper) Backeberg, 246  
*Oroya* Britton & Rose, 248  
   *borchersii* (Boedeker) Backeberg, 248  
   *gibbosa* Ritter, 248  
   *laxiareolata* Rauh & Backeberg, 248  
   *neoperuviana* Backeberg, 248  
   *peruviana* (Schumann) Britton & Rose,  
   248  
   *subgibbosa*, 248  
   *subocculta* Rauh & Backeberg, 248

## INDEX

631

- Oscularia Schwantes, 151–152  
 caulescens (Miller) Schwantes, 151–152  
 deltoides (Linnaeus) Schwantes, 151
- Ostrya Scopoli, 57  
 carpiniifolia Scopoli, 57  
 italica Winkler, 57  
 japonica Sargent, 57  
 virginiana (Miller) Koch, 57  
 virginica Willdenow, 57  
 vulgaris Willdenow, 57
- Ostryopsis Decaisne, 57–58  
 davidiana (Baillon) Decaisne, 58
- Osyris Linnaeus, 123  
 alba Linnaeus, 123
- Oxandra lanceolata Baillon, 333
- Oxyria Hill, 126  
 digyna (Linnaeus) Hill, 126
- Pachycereus (Berger) Britton & Rose, 222–223  
 marginatus (de Candolle) Britton & Rose, 222  
 militaris (Audot) Hunt, 223  
 pecten-aboriginum (Engelmann) Britton & Rose, 222  
 pringlei (Watson) Britton & Rose, 222  
 schottii (Engelmann) Hunt, 223  
 'Monstrosus', 223  
 weberi (Coulter) Backeberg, 222
- Pachyphragma Busch, 575  
 macrophyllum (Hoffmann) Busch, 575
- Paeonia Linnaeus, 444–450  
 albiflora Pallas, 449  
 anomala Linnaeus, 450  
 var. anomala, 450  
 var. intermedia (C.A. Meyer) O. & B. Fedtschenko, 450  
 var. nudicarpa Huth, 450  
 arborea Donn, 448  
 × arendsii Bergmans, 448  
 arietina G. Anderson, 449  
 bakeri Lynch, 449  
 banatica Rochel, 450  
 beresowskii Komarov, 450  
 bergiana invalid, 450  
 broteroi Bossier & Reuter, 449  
 cambessedesii (Willkomm) Willkomm, 448–449  
 × chamaeleon Troitzky, 448  
 corallina Retzius, 449  
 var. cambessedesii Willkomm, 448  
 var. pubescens Moris, 449  
 coriacea Boissier, 449  
 cultorum Bergmans, 449  
 daurica Andrews, 449  
 decora G. Anderson, 450  
 delavayi Franchet, 448  
 var. angustifolia Rehder & Wilson, 448  
 var. lutea (Franchet) Finet & Gagnepain, 448  
 emodi Royle, 449  
 var. emodi, 449  
 var. glabrata J.D. Hooker & Thomson, 449  
 feminea (Linnaeus) Miller, 450  
 festiva Tausch, 450  
 flavescens C. Presl, 449  
 × hybrida Pallas, 450  
 humilis Retzius, 450  
 var. humilis, 450  
 var. villosa (Huth) F.C. Stern, 450  
 intermedia C.A. Meyer, 450  
 japonica (Makino) Miyabe & Takeda, 449  
 laciniata Pallas, 450  
 lactiflora Pallas, 449  
 × lemoinei Rehder, 448  
 lusitanica Miller, 449  
 lutea Franchet, 448  
 var. ludlowii F.C. Stern & G. Taylor, 448  
 var. lutea, 448  
 mascula (Linnaeus) Miller, 449  
 subsp. arietina (G. Anderson) Cullen & Heywood, 449  
 subsp. hellenica Tzanoudakis, 449  
 subsp. mascula, 449  
 subsp. russi (Bivona) Cullen & Heywood, 449  
 subsp. triternata (Bossier) Stearn & Davis, 449  
 var. russi (Bivona) Gürke, 449  
 mlokosewitschii Lomakin, 448  
 modesta Jordan, 450  
 monticola Jordan, 450  
 moutan Sims, 448  
 obovata Maximowicz, 449  
 var. japonica Makino, 449  
 var. obovata, 449  
 var. willmottiae (Stapf) F.C. Stern, 449  
 officinalis Linnaeus, 450  
 subsp. banatica (Rochel) Sóo, 450  
 subsp. humilis (Retzius) Cullen & Heywood, 450  
 subsp. officinalis, 450  
 subsp. villosa (Huth) Cullen & Heywood, 450  
 var. mascula Linnaeus, 450  
 var. rubra Sabine, 450  
 papaveracea Andrews, 448  
 paradoxa G. Anderson, 450  
 peregrina Miller, 450  
 potaninii Komarov, 448  
 var. potaninii, 448  
 var. trollioides (Stapf) F.C. Stern, 448  
 forma alba (Bean) F.C. Stern, 448  
 revelieri Jordan, 449  
 romanica Brandza, 450  
 russi Bivona, 449  
 × smouthii Van Houtte, 450  
 suffruticosa Andrews, 448  
 suffruticosa Haworth, 448  
 'Joseph Rock', 448  
 'Rockii', 448  
 subsp. rockii Haw & Lauener, 448  
 subsp. spontanea Rehder, 448  
 subsp. suffruticosa, 448  
 tenuifolia Linnaeus, 450  
 'Plena', 450  
 'Rosea', 450  
 tomentosa (Lomakin) N. Busch, 448  
 trollioides Stapf, 448  
 veitchii Lynch, 450  
 var. veitchii, 450  
 forma alba, 450  
 var. woodwardii Bergmans, 450  
 villarsii Jordan, 450  
 willmottiae Stapf, 449  
 wittmanniana F.C. Stern, 448  
 wittmanniana Lindley, 448  
 var. nudicarpa Schipczinsky, 448  
 var. tomentosa Lomakin, 448  
 var. wittmanniana, 448  
 woodwardii Cox, 450
- Paeoniaceae, 444–450
- Papaver Linnaeus, 522–526  
 aculeatum Thunberg, 525  
 alpinum Linnaeus subsp. burseri (Crantz) Fedde, 525  
 subsp. kernerii (Hayek) Fedde, 525  
 subsp. rhaeticum (Leresche) Hayek, 525  
 subsp. sendtneri (Hayek) Schinz & Keller, 525  
 amurense Karrer, 524  
 anomalum misapplied, 524  
 apokrinomenon Fedde, 523  
 argemone Linnaeus, 526  
 atlanticum Cosson, 524  
 bracteatum Lindley, 523  
 var. pseudo-orientale Fedde, 523  
 burseri Crantz, 525  
 californicum Gray, 526  
 canescens Tolmachev, 524  
 caucasicum Bieberstein, 525  
 commutatum Fischer & Meyer, 526  
 croceum Ledebour, 524  
 dubium Linnaeus, 526  
 fauriei Fedde, 524–525  
 fugax Poirlet, 525  
 glaucum Boissier & Haussknecht, 526  
 heldreichii Boissier, 523  
 var. sparsipilum Boissier, 523  
 hybridum Linnaeus, 526  
 kernerii Hayek, 525  
 lateritium Koch, 523–524  
 macounii Greene, 524  
 macrostomum Boissier & Huet, 526  
 miyabeana Tatewaki, 524  
 monanthum Trautvetter, 524  
 'Nanum Flore Pleno', 524  
 nudicaule invalid, not Linnaeus, 524  
 nudicaule Linnaeus subsp. amurense (Karrer) Busch, 524  
 orientale Linnaeus, 523  
 var. bracteatum (Lindley) Ledebour, 523  
 pavoninum Fischer & Meyer, 526  
 pilosum group, 523  
 pilosum Sibthorp & Smith, 523  
 pseudo-orientale (Fedde) Medwedew, 523  
 pseudocanescens misapplied, 524  
 pseudostrictum Fedde, 523  
 pyrenaicum (Linnaeus) Kerner subsp.  
 rhaeticum (Leresche) Fedde, 525  
 subsp. sendtneri (Hayek) Fedde, 525  
 radicum Rottboell, 524  
 rhaeticum Leresche, 525  
 rhoeas Linnaeus, 525–526  
 'Shirley', 526  
 rupifragum Boissier & Reuter, 524  
 subsp. atlanticum (Cosson) Maire, 524

- Papaver* Linnaeus (*continued*)  
 Section Argemonidium Spach, 526  
 Section Argemonorrhoeades Fedde, 526  
 Section Carinatae Fedde, 526  
 Section Horrida Elkan, 525  
 Section Lasiotrachyphylla Bernhardt, 524  
 Section Macrantha Elkan, 523  
 Section Meconella Spach, 524  
 Section Mecones Bernhardt, 526  
 Section Meconidium Spach, 525  
 Section Miltantha Bernhardt, 525  
 Section Orthorrhoeades Fedde, 525  
 Section Oxytona Bernhardt, 523  
 Section Papaver, 526  
 Section Pilosa Prantl, 523  
 Section Rhoeadium Spach, 525  
 Section Scapiflora Reichenbach, 524  
 sendtneri Hayek, 525  
 somniferum Linnaeus, 526  
 spicatum Boissier & Balansa, 523  
   var. luschanii Fedde, 523  
 strictum Boissier & Balansa, 523  
 strigosum Boenninghausen, 525  
 triniifolium Boissier, 525
- Papaveraceae, 520–534
- Parabenzoin praecox* (Siebold & Zuccarini) Nakai, 339
- Paraquilegia* Drummond & Hutchinson, 353  
 anemonoides (Willdenow) Ulbrich, 353  
*grandiflora* (de Candolle) Drummond & Hutchinson, 353  
 microphylla (Royle) Drummond & Hutchinson, 353
- Parodia* Spegazzini, 267–274  
 alacriportana Backeberg & Voll, 271  
 allosiphon (Marchesi) Taylor, 273–274  
*applanata* Brandt, 270  
 aureicentra Backeberg, 270  
*aureispina* Backeberg, 268  
 ayopayana Cardenas, 269–270  
 var. elata Ritter, 269  
*borealis* Ritter, 269  
*brevihamata* Backeberg, 271  
*bueneri* Buining, 271  
 buiningii (Buxbaum) Taylor, 274  
*caespitosa* (Spegazzini) Taylor, 272  
*camargensis* Buining & Ritter, 270  
 carambeiensis (Buining & Brederoo) Hofacker, 272  
*cardenasii* Ritter, 269  
*catamarcensis* Backeberg, 268  
*chaetocarpa* Ritter, 269  
*challamarcana* Brandt, 270  
 chrysacanthion (Schumann) Backeberg, 269  
*claviceps* (Ritter) Brandt, 270–271  
 comarapana Cardenas, 269  
*commutans* Ritter, 270  
 comosa Ritter, 269  
 concinna (Monville) Taylor, 272  
 crassigibba (Ritter) Taylor, 273  
*echinopsoides* Brandt, 269  
*echinus* Ritter, 269  
 erinacea (Haworth) Taylor, 274  
*erythrantha* (Spegazzini) Backeberg, 268  
*faustiana* Backeberg, 269  
 formosa Ritter, 269  
*fricana* Brandt, 270  
 gibbiflora Ritter, 269  
*gibbulosoides* Brandt, 269  
*gigantea* Krainz, 270  
*gracilis* Ritter, 269  
 graessneri (Schumann) Brandt, 271  
*gummifera* Backeberg & Voll, 241  
 haselbergii (Ruempler) Brandt, 271  
   subsp. graessneri (Schumann) Hofacker & Braun, 271  
   subsp. haselbergii, 271  
 herteri (Werdermann) Taylor, 273  
*heteracantha* Weskamp, 268  
 horstii (Ritter) Taylor, 273  
 leninghausii (Schumann) Brandt, 271  
 liliputana (Werdermann) Taylor, 276  
 linkii (Lehmann) Kiesling, 272  
 maassii (Heese) Berger, 270  
 forma maxima (Ritter) Krainz, 270  
   var. *commutans* (Ritter) Krainz, 270  
 magnifica (Ritter) Brandt, 271  
*mairanana* Cárdenas, 269  
 mammulosa (Lemaire) Taylor, 273  
*maxima* Ritter Krainz, 270  
 microsperma (Weber) Spegazzini, 268–269  
   subsp. microsperma, 269  
   subsp. horrida (Brandt) Kiesling & Ferrari, 269  
 miguillensis Cardenas, 269–270  
 mueller-melchersii (Backeberg) Taylor, 273  
*mutabilis* Backeberg, 268  
*neglecta* Brandt, 269  
*neglectoides* Brandt, 269  
 neohorstii (Theunissen) Taylor, 274  
 nivosa Backeberg, 269  
 ocampoi Cardenas, 269  
 ottonis (Lehmann) Taylor, 271–272  
   var. ottonis, 272  
   var. *tortuosus* (Link & Otto) Taylor, 272  
*otuyensis* Ritter, 270  
 oxycostata (Buining & Brederoo) Hofacker, 272  
 penicillata Fehser & Van Der Steeg, 269  
 procera Ritter, 269, 270  
*pseudoprocera* Brandt, 270  
*purpureoauarea* Ritter, 269  
*rubricentra* Backeberg, 270  
 rigidispina Krainz, 268  
*rubricentra* Backeberg, 270  
*rutilans* (Daeniker & Krainz) Taylor, 273  
*saint-pieana* Backeberg, 269  
*sanagasta* Weingart, 268  
*sanguiniflora* Backeberg, 268  
 schuetziana Jajo, 270  
 schumanniana (Nicolai) Brandt, 270–271  
   subsp. claviceps (ritter) Hofacker, 271  
   subsp. schumanniana, 271  
 schwebsiana (Werdermann) Backeberg, 270  
 scopa (Sprengel) Taylor, 272–273  
   subsp. scopa, 272  
   subsp. succinea (Ritter) Hofacker & Braun, 272  
*setifera* Backeberg, 268  
*setispina* Ritter, 269  
*succinea* (Ritter) Taylor, 272  
*suprema* Ritter, 270  
*tarabucina* Cárdenas, 270  
 tenuicylindrica (Ritter) Hunt, 273  
*tilcarensis* (Werdermann & Backeberg) Backeberg, 270  
 tuberculata Cárdenas, 270  
*uhligiana* Backeberg, 270  
*varicolor* Ritter, 270  
 warasii (Ritter) Brandt, 271  
 werdermanniana (Herter) Taylor, 272
- Paronychia* Miller, 201  
 argentea Lamarck, 201  
 capitata (Linnaeus) Lamarck, 201  
*capitata* misapplied, 201  
 kapela (Hacquet) Kerner, 201  
 nivea de Candolle, 201  
*serpyllifolia* de Candolle, 201
- Parrya menziesii* (Hooker) Greene, 555
- Pasania densiflora* (Hooker & Arnott) Oersted, 66  
*edulis* Makino, 66  
*glabra* (Thunberg) Oersted, 66
- Pediocactus* Britton & Rose, 281  
 knowltonii Benson, 281  
*papyracanthus* (Engelmann) Benson, 284  
 paradinei Benson, 281  
 peeblesianus (Croizat) Benson, 281  
 sileri (Engelmann) Benson, 281  
 simpsonii (Engelmann) Britton & Rose, 281  
*wrightiae* (Benson) Arp, 284
- Pelecyphora* Ehrenberg, 299–300  
 aselliformis Ehrenberg, 299–300  
*pseudopectinata* Backeberg, 299  
 strobiliformis (Werdermann) Kreuzinger, 300  
*valdeziana* Moeller, 299
- Pellionia* Gaudichaud-Beaupré, 106  
*argentea* invalid, 106  
*daveawna* (Carrière) Brown, 106  
 pulchra Brown, 106  
 repens (Loureiro) Merrill, 106
- Peniocereus* (Berger) Britton & Rose, 221–222  
 greggii (Englemann) Britton & Rose, 222  
 serpentinus (Lagasca & Rodriguez) Taylor, 222  
 striatus (Brandegge) Buxbaum, 222  
 viperinus (Weber) Kreuzinger, 222
- Peperomia* Ruiz & Pavón, 430–436  
*angulata* Humboldt, Bonpland & Kunth, 431  
 argyreia Morren, 436  
*bicolor* Sodiro, 433  
 blanda (Jacquin) Humboldt, Bonpland & Kunth, 432–433  
 caperata Yuncker, 435  
 clusiifolia (Jacquin) Hooker, 434  
*cuspidilimba* misapplied, 431  
 dahlstedtii de Candolle, 431  
 dolabriformis Humboldt, Bonpland & Kunth, 433  
*forsteri* invalid, 431  
 fraseri de Candolle, 435  
 galioides Humboldt, Bonpland & Kunth, 432  
 glabella (Swartz) Dietrich, 434  
 griseo-argentea Yuncker, 435–436  
*haughtii* Trelease & Yuncker, 431  
*hederaefolia* Anon, 435  
*hoffmannii* de Candolle, 432  
 incana (Haworth) Hooker, 433  
 maculosa (Linnaeus) Hooker, 435

- magnoliaefolia* (Jacquin) Dietrich, 434  
*marmorata* Hooker, 436  
*metallica* Linden & Rodigas, 433  
*microphylla* Humboldt, Bonpland & Kunth, 432  
*nivalis* Miquel, 433  
*nummularifolia* Humboldt, Bonpland & Kunth, 434  
*obtusifolia* (Linnaeus) Dietrich, 434  
*orba* Bunting, 433  
 'Pixie', 433  
 'Princess Astrid', 433  
 'Teardrop', 433  
*ornata* Yuncker, 435  
*peltifolia* misapplied, 436  
*pereskifolia* (Jacquin) Humboldt, Bonpland & Kunth, 432  
*prostrata* Masters & Moore, 435  
*pseudovariegata* de Candolle, 435  
*pulchella* Dietrich, 432  
*puteolata* Trelease, 431–432  
*quadrangularis* (Thompson) Dietrich, 431  
*resedaeflora* Linden & André, 435  
*rhombea* Ruiz & Pavón, 432  
*rotundifolia* (Linnaeus) Humboldt, Bonpland & Kunth, 434–435  
 var. *pilosior* (Miquel) de Candolle, 435  
*rubella* (Haworth) Hooker, 432  
*sandersii* de Candolle, 436  
*sarcophylla* Sodiro, 435  
*scandens* Ruiz & Pavón, 434  
*serpens* (Swartz) Loudon, 434  
*tithymalooides* Dietrich, 434  
*variegata* Ruiz & Pavón, 435  
*velutina* Linden & André, 433  
*verschaffeltii* Lemaire, 436  
*verticillata* (Linnaeus) Dietrich, 432  
*Pereskia* Miller, 218–219  
*aculeata* Miller, 218–219  
 'Godseffiana', 219  
*grandifolia* Haworth, 219  
 subsp. *grandifolia*, 219  
 subsp. *violacea* Leuenberger, 219  
*nemorosa* Rojas, 219  
*sacharosa* Grisebach, 219  
*sparsiflora*, 219  
*Peresklopsis* Britton & Rose, 313  
*diguettii* (Weber) Britton & Rose, 313  
*velutina* Rose, 313  
*Persea* Miller, 338  
*americana* Miller, 338  
*indica* (Linnaeus) Sprengel, 338  
*Persicaria* *alata* (Don) Gross, 129  
*amphibia* (Linnaeus) Gray, 129  
*capitata* (Buchanan-Hamilton) Gross, 129  
*orientalis* (Linnaeus) Vilmorin, 129  
*Petrocoptis* Braun, 188  
*glaucifolia*, 188  
*lagascae* (Willkomm) Willkomm, 188  
*pyrenaica* (Bergeret) Braun, 188  
*Petrorhagia* (de Candolle) Link, 197  
*saxifraga* (Linnaeus) Link, 197  
*Peumus* Molina, 336  
*boldus* Molina, 336  
*Pfeiffera* Salm-Dyck, 219  
*ianthothele* (Monville) Weber, 219  
*Pherelobus* Brown, 173  
*maughanii* Brown, 173  
 var. *maughanii*, 174  
 var. *stayneri* Bolus, 174  
*Philippicereus castaneus* (Philippi) Backeberg, 220  
*Phoebe* Nees, 338  
*formosana* (Hayata) Hayata, 338  
*sheareri* (Hemsley) Gamble, 338  
*Phoenicaulis* Nuttall, 555  
*cheiranthoides* Nuttall, 555  
*Phryne pinnatifida* (Lamarck) Bubani, 550  
*Physaria* (Nuttall) A. Gray, 572–573  
*acutifolia* Rydberg, 573  
*alpestris* Suksdorf, 572–573  
*didymocarpa* (Hooker) A. Gray, 573  
*floribunda* Rydberg, 573  
*geyeri* (Hooker) A. Gray, 572  
 var. *purpurea* Rollins, 572  
*oregona* Watson, 572  
*vitulifera* Rydberg, 573  
*Phytolacca* Linnaeus, 133–134  
*acinosa* Roxburgh, 134  
*americana* Linnaeus, 134  
*arborea* Moquin, 134  
*clavigera* Smith, 134  
*decandra* Linnaeus, 134  
*dioica* Linnaeus, 134  
*esculenta* Van Houtte, 134  
*polyandra* Batalin, 134  
*rigida* Small, 134  
 Phytolaccaceae, 133–135  
*Pilea* Lindley, 104–106  
*callitrichoides* (Knuth) Knuth, 105  
*cardierei* Gagnepain & Guillaumin, 106  
*crassifolia* (Willdenow) Blume, 105–106  
*grandifolia* (Linnaeus) Blume, 106  
*involuta* (Sims) Urban, 105  
 'Curly Top', 105  
 'Moon Valley', 105  
 'Norfolk', 105  
*microphylla* (Linnaeus) Liebman, 105  
*muscosa* Lindley, 105  
*nummularifolia* (Swartz) Weddell, 105  
*peperomioides* Diels, 105  
*pubescens* misapplied, 105  
*repens* (Swartz) Weddell, 105  
*serpyllacea* (Knuth) Liebman, 105  
*serpyllifolia* misapplied, 105  
*spruceana* misapplied, 105  
*Pilcanthus paradinei* (Benson) Benson & Backeberg, 281  
*Pilocopiapoa solaris* Ritter, 277  
*Pilosocereus* Byles & Rowley, 237–238  
*aurisetus*, 238  
*densilamatus* **invalid**,  
*glaucescens* (Labouret) Byles & Rowley, 238  
*glaucochrous* (Werdermann) Byles & Rowley, 237  
*gounellei* (Weber) Byles & Rowley, 237  
*leucocephalus* (Poselger) Byles & Rowley, 237  
*pachycladus* Ritter, 238  
*pentaedrophorus* (Labouret) Byles & Rowley, 237  
*palmeri* (Rose) Byles & Rowley, 237  
*royenii* (Linnaeus) Byles & Rowley, 237  
*werdermannianus* (Buining & Brederoo) Ritter, 238  
*Piper* Linnaeus, 436–438  
*aduncum* Linnaeus, 438  
*angustifolium* Ruiz & Pavón var. *cordulatum* de Candolle, 438  
*betle* Linnaeus, 437  
*bicolor* Yuncker, 438  
*crocatum* misapplied, 438  
*cubeba* Linnaeus, 437  
*elongation* Vahl var. *cordulatum* de Candolle, 438  
*longum* Linnaeus, 437  
*magnificum* Trelease, 438  
*methysticum* Forster, 437  
*nigrum* Linnaeus, 436–437  
*ornatum* Brown, 438  
*porphyrophyllum* (Lindley) Brown, 438  
*sylvaticum* Roxburgh, 437  
 Piperaceae, 430–438  
*Pisonia* Linnaeus, 136  
*alba* Spanoghe, 136  
*brunoniana* Endlicher, 136  
*excelsa* Blume, 136  
*grandis* Brown, 136  
*umbellifera* (Forster & Forster) Seeman, 136  
 'Variegata', 136  
*Plagiorhegma dubium* Maximowicz, 415  
*Platycarya* Siebold & Zuccarini, 16–17  
*strobilacea* Siebold & Zuccarini, 16–17  
*Platyopuntia corrugate* (Salm-Dyck) Ritter, 314  
*Platystemon* Benthams, 531  
*californicus* Benthams, 531  
*Pleiospilos* Brown, 157–158  
*bolusii* (Hooker) Brown, 158  
*compactus* (Aiton) Schwantes, 158  
 subsp. *canus* (Haworth) Hartmann & Leide, 158  
 subsp. *compactus*, 158  
 subsp. *sororius* (Brown) Hartmann & Leide, 158  
*dimidiatus* Bolus, 158  
*hilmarii* Bolus, 158  
*leipoldtii* Bolus, 158  
*magnipunctatus* (Haworth) Schwantes, 158  
*nelii* Schwantes, 158  
*optatus* (Brown) Schwantes, 158  
*prismaticus* (Marloth) Schwantes, 158  
 × *purpusii* Schwantes, 158  
*rouxii* Bolus, 158  
*Pleuropterypyrum alpinum* (Allioni) Nakai, 130  
 Podophyllaceae, 389  
*Podophyllum* Linnaeus, 417–418  
*aurantiocale* Handel-Mazzettii, 417–418  
*delavayi* Franchet, 418  
*difforme* Hemsley & Wilson, 418  
*emodi* Wallich, 417  
 var. *chinense* Sprague, 417  
*hexandrum* Royle, 417  
 × *inexpectatum* Shaw, 417  
*peltatum* Linnaeus, 417  
 forma *deamii* Raymond, 417  
*pleianthum* Hance, 418  
*sikkimense* Chatterjee & Mukerjee, 417  
*versipelle* Hance, 418  
 Polygonaceae, 124–133

- Polygonum* Linnaeus, 128–133  
 affine Don, 129  
   'Donald Lowndes', 129  
 alatum Don, 129  
 alpinum Allioni, 130  
 amphibium Linnaeus, 129  
 amplexicaule Don, 130  
 aubertii Henry, 131  
 baldschuanicum Regel, 131  
 bistorta Linnaeus, 130  
   subsp. *carneum* (Koch) Coode & Cullen, 130  
   *Superbum*', 130  
*brunonis* Meissner, 129  
 campanulatum Hooker, 131  
   var. *lichiangense* (Smith) Steward, 131  
 capitatum Buchanan-Hamilton, 129  
*carneum* Koch, 130  
*chlorostachyum* Diels, 130  
*chinensis* misapplied, 132  
*compactum* Hooker, 131  
 cuspidatum Siebold & Zuccarini, 131  
 dibotrys Don, 132  
*equisetiforme* misapplied, 129  
 fagopyrum Linnaeus, 131–132  
 griffithii Hooker, 130  
 japonicum Meissner, 131  
   'Spectabile', 131  
   var. *compactum* (Hooker) Bailey, 131  
*lanigerum* Brown, 129  
*lichiangensis* Smith, 131  
 macrophyllum Don, 130  
 milletii (Léveillé) Léveillé, 130  
 molle Don, 131  
 orientale Linnaeus, 129  
*paniculatum* Blume, 131  
 polystachyum Meissner, 131  
*reynoutria* misapplied, 131  
*rude* Meissner, 131  
*sachalinense* Schmidt, 131  
*scoparium* Loiseleur, 129  
*senegalense* misapplied, 129  
*sericeum* misapplied, 130  
*sieboldii* de Vriese, 131  
*sphaerostachyum* Meissner, 130  
*sphaerostachyum* misapplied, 130  
 tenuicaule Bisset & Moore, 130  
*undulatum* Murray, 130  
 vacciniifolium Meissner, 129  
 virginianum Linnaeus, 130  
   'Painter's Palette', 130  
   'Variegatum', 130  
   var. *filiforme* (Thunberg) Merrill, 130  
 viviparum Linnaeus, 130  
 weyrichii Schmidt, 131  
*Polyspora axillaris* (Ker-Gawler) Sweet, 467  
*Populus* Linnaeus, 41–45  
 acuminata Rydberg, 44  
 adenopoda Maximowicz, 43  
 alba Linnaeus, 42–43  
   var. *pyramidalis* Bunge, 43  
*angulata* Aiton, 45  
   var. *missouriensis* Henry, 45  
*angustifolia* Torrey, 44  
 balsamifera Linnaeus, 44–45  
   var. *michauxii* Henry, 44  
   var. *subcordata* Hylander, 45  
 × *berolinensis* Dippel, 44  
   'Frye', 44  
   'Rumford', 44  
*bolleana* Carrière, 43  
 × *canadensis* Moench, 45  
   'Eugenei', 45  
   'Gelrica', 45  
   'Marilandica', 45  
   'Regenerata', 45  
   'Robusta', 45  
   'Serotina', 45  
 candicans Aiton, 44  
   'Aurora', 44  
 × *canescens* (Aiton) Smith, 43  
 cathayana Rehder, 44  
 deltoides Marshall, 45  
   'Carolin', 45  
   'Cordata', 45  
   var. *missouriensis* (Henry) Henry, 45  
 × *eugenei* Mathieu, 45  
*fremontii* Watson, 44  
 × *generosa* Henry, 43–44  
 × *gileadensis* Rouleau, 44  
 grandidentata Michaux, 60  
 lasiocarpa Oliver, 43  
   var. *tibetica*, 43  
*laurifolia* Ledebour, 44  
 forma *lindleyana* (Carrière) Ascherson & Graebner, 44  
 × *marilandica* Poiret, 45  
 maximowiczii Henry, 44  
   'Androscoggin', 44  
   'Oxford', 44  
   'Rochester', 44  
*michauxii* Dode, 44  
*monilifera* Aiton, 45  
 nigra Linnaeus, 45  
   'Gigantea', 45  
   var. *afghanica* Aitchison & Hemsley, 45  
   var. *betulifolia* (Pursh) Torrey, 45  
   var. *italica* Muenchhausen, 45  
   var. *plantierensis* (Dode) Schneider, 45  
*plantierensis* Dode, 45  
 × *regenerata* Henry, 45  
 × *robusta* Schneider, 45  
*sargentii* Dode, 44  
 Section Aegiros Duby, 45  
 Section Leucoides Spach, 43  
 Section Populus, 42  
 Section Tacamahaca Spach, 43  
 × *serotina* Hartig, 45  
*sieboldii* Miquel, 43  
*simonii* Carrière, 44  
   var. *fastigiata* Schneider, 44  
   var. *pendula* Schneider, 44  
*suaveolens* Fischer, 44  
*szechuanica* Schneider, 43  
   var. *tibetica* Schneider, 43  
*tacamahacca* Miller, 44  
*thevestina* Dode, 45  
 tremula Linnaeus, 43  
 tremuloides Michaux, 43  
   'Pendula', 43  
*trichocarpa* Hooker, 43  
*uzbekistanica* Komarov 'Afghanica', 45  
 violascens Dode, 43  
 wilsonii Schneider, 43  
 yunnanensis Dode, 44  
*Porfiria coahuilensis* Boedeker, 310  
*Portulaca* Linnaeus, 177  
 grandiflora Hooker, 177  
 oleracea Linnaeus, 177  
   subsp. *sativa* (Haworth) Celakovsky, 177  
 Portulacaceae, 176–181  
 Portulacaria Jacquin, 177  
   *afra* (Linnaeus) Jacquin, 177  
 Praecereus Buxbaum, 236  
 campinensis (Backeberg & Voll), 236  
 Buxbaum, 236  
 euchlorus (Schumann) Taylour, 236  
   subsp. *euchlorus*, 236  
   subsp. *smithiana* (Britton & Rose) Taylor, 236  
 saxicola (Morong) Taylor, 236  
 Pritzelago O. Kuntze, 573–574  
 alpina (Linnaeus) O. Kuntze, 574  
   subsp. *alpina*, 574  
   subsp. *auerswaldii* (Willkomm) Greuter & Burdet, 574  
   subsp. *brevicaulis* (Hoppe) Greuter & Burdet, 574  
 Protea Linnaeus, 108–110  
 aurea (Burman) Rourke, 108–109  
 caffra Meisner, 109  
 compacta Brown, 109  
 cynaroides (Linnaeus) Linnaeus, 109  
 eximia (Knight) Fourcade, 109  
 grandiceps Trattinick, 109  
 lacticolor Salisbury, 109  
 longiflora Lamarck, 109  
 longifolia Andrews, 109  
 minor (Phillips) Compton, 109  
 neriifolia Brown, 109–110  
 obtusifolia Meisner, 110  
 punctata Meisner, 110  
 repens (Linnaeus) Linnaeus, 110  
 roupelliae Meisner, 110  
   subsp. *hamiltonii* Rourke, 110  
 scolymocephala (Linnaeus) Reichard, 110  
 susannae Phillips, 110  
 Proteaceae, 107–120  
*Pseudoespostoa melanostele* (Vaupel) Backeberg, 243  
*Pseudofumaria alba* (Miller) Lidén, 544  
   *lutea* (Linnaeus) Borckhausen, 544  
*Pseudolobivia aurea* (Britton & Rose) Backeberg, 254  
   *carmineoflora* invalid, 253  
*Pseudomammillaria kraehenbuehlII* Krainz, 307  
*Pseudopilocereus werdermannianus* Buining & Brederoo, 238  
*Pseudorhipsalis* Britton & Rose, 232  
 ramulosa (Salm-Dyck) Barthlott, 232  
*Pseudowintera* Dandy, 330–331  
 axillaris (Forster & Forster) Dandy, 331  
 colorata (Raoul) Dandy, 331  
 Pteridophyllum Siebold & Zuccarini, 534–535  
 racemosum Siebold & Zuccarini, 535

## INDEX

635

- Pterocactus Schumann, 313  
*kuntzei* Schumann, 313  
*tuberosus* (Pfeiffer) Britton & Rose, 313
- Petrocallis R. Brown, 572  
*pyrenaica* (Linnaeus) R. Brown, 572  
 'Albiflora', 572
- Pterocarya Kunth, 19–20  
*caucasica* Meyer, 19  
*fraxinifolia* (Lamarck) Spach, 19  
 'Dumosa', 19  
*hupehensis* Skan, 20  
*japonica* Dippel, 19  
*laevigata* Lavallée, 19  
*paliurus* Batalin, 20  
 × *rehderiana* Schneider, 19  
*rhoifolia* Siebold & Zuccarini, 20  
*sinensis* Rehder, 19  
*sorbifolia* Dippel, 19  
*stenoptera* de Candolle, 19–20
- Ptilotrichum cappadocicum* (de Candolle) Boissier, 567  
*halimifolium* Boissier, 565  
*lapeyrousianum* (Jordan) Jordan, 565  
*longicaule* (Boissier) Boissier, 565  
*purpureum* (Lagasca & Rodriguez) Boissier, 565  
*pyrenaicum* (Picot de Lapeyrouse) Boissier, 565  
*reverchonii* Degen & Hervier, 565  
*rupestre* (Heynhold) Boissier, 567  
*spinosum* (Linnaeus) Boissier, 565
- Ptilotus Brown, 208  
*manglesii* (Lindley) Mueller, 208
- Ptychopetalum Benthham, 121  
*olacoides* Benthham, 121  
*uncinatum* Anselmino, 121
- Pulsatilla Miller, 373–375  
*alba* Reichenbach, 374  
*albana* (steven) Berchtold & Presl, 374  
*alpina* (Linnaeus) Delarbre, 373–374  
 subsp. *alpina*, 374  
 subsp. *apiifolia* (Scopoli) Nyman, 374  
 subsp. *sulphurea* (de Candolle) Ascherson & Graebner, 374  
*armena* (Boissier) Ruprecht, 374  
*grandis* Wenderoth, 375  
 'Budapest', 375  
*halleri* (Allioni) Willdenow, 374–375  
 'Budapest', 375  
 subsp. *grandis* (Wenderoth) Meikle, 375  
 subsp. *halleri*, 375  
 subsp. *slavica* (Reuss) Zamels, 375  
*hirsutissima* Britton, 375  
*ludoviciana* (Nuttall) Heller, 375  
*montana* (Hoppe) Reichenbach, 374  
*nigricans* Störk, 374  
*nutalliana* (de Candolle) Sprenger, 375  
*occidentalis* (Watson) Freyn, 374  
*patens* (Linnaeus) Miller, 375  
 subsp. *multifida* (Protzel) Zamels, 375  
 var. *wolfgangiana* (Besser) Regel, 375  
*pratensis* (Linnaeus) Miller, 374  
 subsp. *nigricans* (Stork) Zamels, 374  
*rubra* (Lamarck) Delarbre, 374  
*vernalis* (Linnaeus) Miller, 374  
*vulgaris* Miller, 374  
 'Alba', 374
- 'Barton's Pink', 374  
 'Budapest', 374  
 'Coccinea', 374  
 'Mrs Van der Elst', 374  
 'Rosea', 374  
 'Rubra', 374
- Pupalia Jussieu, 207  
*atropurpurea* Moquin, 207
- Pycnanthus Warburg, 333  
*angolensis* (Welwitsch) Warburg, 333  
*kombo* (Baillon) Warburg, 333
- Pyrhocactus aricensis* Ritter.**  
*bulbocalyx* (Werdermann) Backeberg, 267  
*curvispinus* (Bertero) Backeberg & Knuth, 266
- Pyralia Michaux, 122–123  
*pubera* Michaux, 123
- Quercus Linnaeus, 66–80  
*acuta* Thunberg, 70  
*acutissima* Carruthers, 72  
*aegilops* Willdenow, 70  
*agrifolia* Née, 77  
*alba* Linnaeus, 77  
*aliena* Blume, 75  
*alnifolia* Poech, 70  
*aquatica* Walter, 78  
*arkansana* Sargent, 78  
*bicolor* Willdenow, 75  
*borealis* Michaux, 80  
*bungeana* Forbes, 72  
*canariensis* Willdenow, 73  
*castaneifolia* Meyer, 70  
*cerris* Linnaeus, 72  
*chinensis* Bunge, 72  
*chrysolepis* Liebmann, 77  
*cleistocarpa* Seemen, 66  
*coccifera* Linnaeus, 70  
*coccinea* Muenchhausen, 80  
*conferta* Schultes, 72  
*cuspidata* Thunberg, 65  
*densiflora* Hooker & Arnott, 66  
*dentata* Thunberg, 72  
*douglasii* Hooker & Arnott, 75  
*edulis* Makino, 66  
*ellipsoidalis* Hill, 80  
*falcata* Michaux, 78, 80  
 var. *pagodifolia* Elliott, 80  
*farnetto* Tenore, 72  
*frainetto* Tenore, 72  
*fruticosa* Brotero, 73  
*garryana* Douglas, 75, 77  
*genuensis* invalid, 75  
*glabra* Thunberg, 66  
*glandulifera* Blume, 73  
*glauca* Thunberg, 69–70  
*graeca* Kotschy, 70  
*hartwissiana* Steven, 73  
*henryi* Seemen, 66  
 × *hispanica* Lamarck, 72  
 'Dentata', 72  
 'Diversifolia', 72  
 'Lucombeana', 72  
*hypoleuca* Engelmann, 78  
*hypoleuoides* Camus, 78  
*ilex* Linnaeus, 73
- ilicifolia* Wangenheim, 80  
*imbricaria* Michaux, 78  
*infectoria* Olivier, 73  
*kelloggii* Newberry, 80  
 × *kewensis* Osborn, 78  
*lamuginosa* (Lamarck) Thuillier, 75  
*laurifolia* Michaux, 78  
 × *leana* Nuttall, 77  
*libani* Olivier, 70  
*lobata* Née, 77  
*lusitanica* misapplied, 73  
*lyrata* Walter, 77  
*macedonica* de Candolle, 72  
*macranthera* Hohenacker, 72  
*macrocarpa* Michaux, 77  
*macrolepis* Kotschy, 70  
*marilandica* Muenchhausen, 78  
*michauxii* Nuttall, 75  
*mirbeckii* Durieu, 73  
*mongolica* Turczaninow, 73  
 var. *grosseserrata* (Blume) Rehder & Wilson, 73  
*montana* Willdenow, 75  
*muehlenbergii* Engelmana, 75  
*myrsinifolia* Blume, 69  
*nigra* Linnaeus, 78  
*pachyphyllus* Kurz, 66  
*palustris* Muenchhausen, 80  
*pedunculata* Ehrhart, 73  
*petraea* (Mattuschka) Lieblein, 73  
*phellos* Linnaeus, 78  
*platanooides* (Lamarck) Sudworth, 75  
*pontica* Koch, 72  
*prinoides* Willdenow, 75  
*prinus* Linnaeus, 75  
*pubescens* Willdenow, 75  
*pyrenaica* Willdenow, 72–73  
*robur* Linnaeus, 73  
*rubra* Linnaeus, 80  
 Section *Cerris* Spach, 70  
 Section *Erythrobalanus* Spach, 77  
 Section *Lepidobalanus* Endlicher, 73  
 Section *Mesobalanus* Camus, 72  
 Section *Protobalanus* Trelease, 77  
 Section *Quercus*, 70  
*Semecarpifolia* Smith, 70  
*serrata* Thunberg, 72  
*sessiliflora* Salisbury, 73  
*sessilis* Ehrhart, 73  
*shumardii* Buckley, 80  
*stellata* Wangenheim, 77  
*suber* Linnaeus, 70  
 Subgenus *Cyclobalanopsis* (Oersted) Schneider, 69  
 Subgenus *Euquercus*, 70  
 Subgenus *Quercus*, 70  
*toza* Bastard, 72  
*trojana* Webb, 72  
 × *turneri* Willdenow, 75  
*variabilis* Blume, 72  
*velutina* Lamarck, 80  
*vibreyana* Franchet & Savatier, 69  
*virginiana* Miller, 75  
*warburgii* Camus, 75  
*wilsonii* Seemen, 66  
*wislizenii* de Candolle, 77–78

- Raffenaldia Godron, 582  
 platycarpa (Cosson) Stapf, 582  
 primuloides Godron, 582  
 Ranunculaceae, 341–389  
 Ranunculus Linnaeus, 382–387  
 abnormis Cutanda & Willkomm, 386  
 acetosellifolius Boissier, 385  
 aconitifolius Linnaeus, 385  
 'Flore Pleno', 385  
 acris Linnaeus, 384  
 'Flore Pleno', 384  
 adoneus Gray, 385  
 alpestris Linnaeus, 385  
 amplexicaulis Linnaeus, 386  
 aquatilis Linnaeus, 387  
 asiaticus Linnaeus, 384  
 bulbosus Linnaeus, 384  
 'F.M.Burton', 384  
 'Pleniflorus', 384  
 bullatus Linnaeus, 385  
 calandrinoides Oliver, 386  
 carpaticus Herbich, 384  
 circinatus Sibthorp, 388  
 cortusifolius Willdenow, 384  
 crenatus Waldstein & Kitaibel, 385  
 divaricatus misapplied, 388  
 eschscholtzii Schlechtendahl, 385–386  
 ficaria Linnaeus, 384  
 subsp. bulbifer (Marsden-Jones) Lawalrée, 384  
 subsp. ficaria, 384  
 'Brazen Hussy', 384  
 subsp. ficariiformis Rouy & Foucaud, 384  
 var. grandiflora (Robert) Strobl, 384  
 flammula Linnaeus, 386  
 geraniifolius misapplied, 384  
 glacialis Linnaeus, 385  
 gouanii Willdenow, 384  
 gramineus Linnaeus, 386  
 'Flore Pleno', 386  
 graminifolius Salisbury, 386  
 heterophyllus Weber, 387  
 insignis Hooker, 387  
 lanuginosus Linnaeus, 383  
 'Pleniflorus', 383  
 lingua Linnaeus, 386  
 lyallii Hooker, 387–388  
 millefoliatus Vahl, 384  
 montanus Willdenow, 384  
 parnassifolius Linnaeus, 386  
 platanifolius Linnaeus, 385  
 pyrenaicus Linnaeus, 386  
 subsp. alismoides (Rouy) Bolos & Font-Quer, 386  
 subsp. plantagineus (Allioni) Rouy & Foucaud, 386  
 subsp. pyrenaicus, 386  
 repens Linnaeus, 383  
 'Flore Pleno', 383  
 seguieri Villars, 385  
 speciosus plenus, 384  
 suksdorfii Gray, 385  
 thora Linnaeus, 385  
 traunfellneri Hoppe, 385  
 trisectus Eastwood, 385  
 Ranzania Ito, 410  
 japonica (Ito) Ito, 410  
 Raphanus Linnaeus, 581–582  
 raphanistrum Linnaeus, 582  
 sativus Linnaeus, 581–582  
 'Black Spanish', 582  
 'China Rose', 582  
 'French Breakfast', 582  
 'Scarlet Globe', 582  
 Rathbunia alamosensis (Coulter) Britton & Rose, 255  
 Rebutia Schumann, 255  
 albipilosa Ritter, 258  
 albopectinata Rausch, 258  
 arenacea Cardenas, 257  
 aureiflora Backeberg, 258  
 forma kesselringiana (Cullmann) Donald, 258  
 cajasensis Ritter, 258  
 calliantha Beyerling, 258  
 candiae Cárdenas, 257  
 canigueralii Cardenas, 257  
 chrysacantha Backeberg, 258  
 costata Werdermann, 258  
 cylindrica (Donald) Hunt, 256  
 dasyphrisa Werdermann, 258  
 deminuta (Weber) Berger, 258  
 subsp. deminuta, 258  
 subsp. kupperiana (Boedeker) Hjertson, 258  
 einsteinii Fric, 257–258  
 subsp. aureiflora (Backeberg) Hjertson, 258  
 forma kesselringii (Cullmann) Donald, 258  
 subsp. einsteinii, 258  
 euanthema invalid, 258  
 eucalyptana (Backeberg) Buining & Donald, 258  
 famatinensis (Spegazzini) Spegazzini, 255  
 fidana (Backeberg) Hunt, 256  
 fiebrigii (Guerke) Britton & Rose, 258  
 flavistyla Ritter, 258  
 glomeriseta Cardenas, 257  
 graciliflora Backeberg, 258  
 grandiflora Backeberg, 258  
 grasshevii,  
 heliosa Rausch, 258  
 kesselringiana Beyerling, 258  
 krainziana Kesselring, 258  
 kupperiana Boedeker, 258  
 lepida invalid, 257  
 margarethae Rausch, 259  
 marsoneri Werdermann, 258  
 menesiesii Cardenas, 257  
 mentosa (Ritter) Hunt, 257  
 subsp. mentosa, 257  
 subsp. purpurea (Donald & Lau) Hunt, 257  
 minuscula Schumann, 258–259  
 muscula Ritter & Thiele, 258  
 neocumingii (Backeberg) Hunt, 256  
 subsp. neocumingii, 256  
 subsp. lanata (Ritter) Hunt, 256  
 subsp. pulquinensis (Cárdenas) Hunt, 259  
 neumanniana (Backeberg) Hunt, 256  
 padcayensis Rausch, 259  
 pseudodeminuta Backeberg, 258  
 pseudominuscula (Spegazzini) Donald & Buining, 258  
 pulchra Cárdenas, 257  
 pulvinosa Ritter & Buining, 258  
 pygmaea (Fries) Britton & Rose, 258  
 rauschii (Frank) Hunt, 257  
 robustispina Ritter, 258  
 scarlatea Fric, 258  
 senilis Backeberg, 258  
 forma kesselringiana (Beyerling) Buining & Donald, 258  
 spegazziniana Backeberg, 258  
 spinosissima Backeberg, 258  
 steinbachii Werdermann, 257  
 subsp. steinbachii, 257  
 subsp. tiraquensis (Cárdenas) Hunt, 257  
 steinmannii (Solms-Laubach) Britton & Rose, 258  
 taratensis Cardenas, 257  
 tiraquensis Cardenas, 257  
 tunariensis Cardenas, 257  
 violaciflora Backeberg, 258  
 vizcarrae Cárdenas, 257  
 wessneriana Beyerling, 258  
 xanthocarpa Backeberg, 258  
 Reicheocactus pseudoreicheanus Backeberg, 255  
 Reynoutria japonica (Meissner) Houttuyn, 131  
 var. compacta (Hooker) Buchheim, 131  
 sachalinense (Schmidt) Nakai, 131  
 Rheedia lateriflora Linnaeus, 503  
 sessiliflora Vesque, 503  
 Rheum Linnaeus, 127  
 alexandrae Batalin, 127  
 australe Don, 127  
 × cultorum invalid, 127  
 emodi Wallich, 127  
 nobile Hooker & Thomson, 127  
 officinale Baillon, 127  
 palmatum Linnaeus, 127  
 'Atrosanguineum', 127  
 'Bowles Crimson', 127  
 var. tanguticum Regel, 127  
 rhabarbarum Linnaeus, 127  
 rhabarbarum misapplied, 127  
 rhaponticum misapplied, 127  
 ribes Linnaeus, 127  
 undulatum misapplied, 127  
 Rhinephyllum Brown, 159  
 broomii Bolus, 159  
 Rhipsalidopsis gaertneri (Regel) Moran, 234  
 rosea (Lagerheim) Britton & Rose, 234  
 Rhipsalis Gaertner, 232–234  
 baccifera (Miller) Steam, 233  
 capilliformis Weber, 233  
 cassutha Gaertner, 233  
 cereoides (Backeberg & Voll) Castellanos, 234  
 cereuscula Haworth, 233  
 clavata Weber, 233  
 coriacea Polakowsky, 232  
 cribrata (Lemaire) Ruempler, 233  
 crispata (Haworth) Pfeiffer, 234  
 cruciformis (Vellozo) Castellanos, 232  
 dissimilis (Lindberg) Schumann, 233–234  
 floccosa Pfeiffer, 233  
 subsp. pulvinigera (Lindberg) Barthlott, 233  
 gaertneri (Regel) Vaupel, 234  
 gibberula Weber, 233



- grandiflora* Haworth, 233  
*houlettiana* Lemaire, 232  
*megalantha* Loefgren, 233  
*mesembryanthemoides* Haworth, 233  
*micrantha* (Kunth) de Candolle, 234  
*neves-armondii* Schumann, 233  
*neves-armondii* Schumann, 233  
*pachyptera* Pfeiffer, 234  
*paradoxa* (Pfeiffer) Salm-Dyck, 234  
*pilocarpa* Loefgren, 233  
*pulvinigera* Lindberg, 233  
*puniceodiscus* Lindberg, 233  
*rosea* (Lagerheim) Britton & Rose, 234  
*saglionis* (Lemaire) Otto, 233  
*salicornioides* Haworth, 234  
*teres* (Vellozo) Steudel, 233  
*trigona* Pfeiffer, 234  
*warmingiana* Schumann, 232  
*Rhombophyllum* Schwantes, 145  
*dolabriforme* (Linnaeus) Schwantes, 145  
*nelii* Schwantes, 145  
*rhomboideum* (Salm-Dyck) Schwantes, 145  
*Ricotia* Linnaeus, 561–562  
*aegyptiaca* Linnaeus, 562  
*davisiana* B.L. Burt, 562  
*lunaria* (Linnaeus) de Candolle, 562  
*Rimaria heathii* (Brown) Brown, 166  
*Ritterocereus queretaroensis* (Weber) Backeberg, 225  
*Rivina* Linnaeus, 134  
*humilis* Linnaeus, 134  
*var. glabra* Linnaeus, 134  
*laevis* Linnaeus, 134  
*Roemeria* Medikus, 530  
*hybrida* (Linnaeus) de Candolle, 530  
*refracta* de Candolle, 530  
*Romneya* Harvey, 521  
*coulteri* Harvey, 521  
*var. trichocalyx* (Eastwood) Jepson, 521  
*× hybrida* invalid, 521  
*trichocalyx* Eastwood, 521  
*× vandenii* invalid, 521  
*Rorippa* Scopoli, 556  
*microphylla* (Reichenbach) Hylander, 556  
*nasturtium-aquaticum* (Linnaeus) Hayek, 556  
*× sterilis* Airy Shaw, 556  
*Roscyana americana* Spach, 485  
*Roseocactus fissuratus* (Engelmann) Berger, 289  
*intermedius* Backeberg & Kilian, 289  
*kotschoubeyanus* (Lemaire) Berger, 289  
*Roseocereus tetracanthus* (Labouret) Backeberg, 249  
*Roupala* Aublet, 115  
*brasiliensis* Klotzsch, 115  
*elegans* Pohl, 115  
*longipetiolata* Pohl, 115  
*macrophylla* Pohl, 115  
*pohlii* Meisner, 115  
*Rumex* Linnaeus, 125–126  
*acetosa* Linnaeus, 126  
*acetosa* misapplied, 126  
*alpinus* Linnaeus, 126  
*flexuosus* Hooker, 126  
*hydrolapathum* Hudson, 126  
*lunaria* Linnaeus, 125  
*patientia* Linnaeus, 126  
*sanguineus* Linnaeus, 126  
*var. sanguineus*, 126  
*var. viridis* Sibthorp, 126  
*scutatus* Linnaeus, 125–126  
*rugosus* Campdera, 126  
*Rupicapnos* Pomel, 545  
*africanus* (Lamarck) Pomel, 545  
*subsp. africanus*, 545  
*subsp. decipiens* (Pugsley) Maire, 545  
*Ruschia* Schwantes, 141–143  
*amoena* Schwantes, 143  
*dolomitica* (Dinter) Dinter & Schwantes, 143  
*dualis* (Brown) Bolus, 142–143  
*evoluta* (Brown) Bolus, 143  
*macowanii* (Bolus) Schwantes, 143  
*mollis* (Berger) Schwantes, 143  
*multiflora* (Haworth) Schwantes, 142  
*nobilis* Schwantes, 143  
*odontocalyx* (Schlechter & Diels) Schwantes, 142  
*perfoliata* (Miller) Schwantes, 142  
*pygmaea* (Haworth) Schwantes, 143  
*quartzitica* (Dinter) Dinter & Schwantes, 143  
*robusta* Bolus, 142  
*rupicola* (Engler) Schwantes, 142  
*semidentata* (Salm-Dyck) Schwantes, 142  
*strubeniae* (Bolus) Schwantes, 142  
*tumidula* (Haworth) Schwantes, 142  
*umbellata* (Linnaeus) Schwantes, 142  
*uncinata* (Linnaeus) Schwantes, 142  
*vulvaria* (Dinter) Schwantes, 142  
*Sagina* Linnaeus, 200  
*boydii* Buchanan-White, 200  
*caespitosa* misapplied, 200  
*glabra* misapplied, 200  
*pilifera* misapplied, 200  
*procumbens* Linnaeus, 200  
*subulata* (Swartz) Presl, 200  
*'Aurea'*, 200  
*Salicaceae*, 20–45  
*Salicornia* Linnaeus, 205  
*europaea* Linnaeus, 205  
*Salix* Linnaeus, 20–41  
*acutifolia* Willdenow, 39  
*adenophylla* Hooker, 30  
*aegyptiaca* Linnaeus, 33  
*alba* Linnaeus, 25  
*'Britzensis'*, 25  
*'Cardinal'*, 25  
*'Chermesina'*, 25  
*'Chrysostela'*, 25  
*forma argentea* Wimmer, 25  
*var. alba*, 25  
*var. caerulea* (Smith) Smith, 25  
*var. sericea* Gaudin, 25  
*var. vitellina* (Linnaeus) Stokes, 25  
*alpina* Scopoli, 30  
*amygdalina* Linnaeus, 23  
*annularis* Forbes, 27  
*apoda* Trautvetter, 33  
*aquatica* Smith, 35  
*aquatica grandis* invalid, 35  
*arbuscula* Linnaeus, 33  
*arbutifolia* Pallas, 25  
*arenaria* Linnaeus, 41  
*argentea* Smith, 41  
*aurita* Linnaeus, 37  
*babylonica* Linnaeus, 27  
*'Crispa'*, 27  
*'Lavallei'*, 27  
*var. babylonica*, 27  
*var. pekinensis* Henry, 27  
*'Pendula'*, 27  
*'Tortuosa'*, 27  
*bakko* Kimura, 35  
*× balfourii* Linton, 35  
*balsamifera* Bebb, 33  
*× bebbii* Gandoger, 33  
*bicolor* Willdenow, 33  
*× blanda* Andersson, 27  
*bockii* Seeman, 41  
*× boydii* Linton, 29  
*caesia* Villars, 41  
*× calodendron* Wimmer, 35  
*caprea* Linnaeus, 33, 35  
*'Kilmarnock'*, 35  
*'Weeping Sally'*, 35  
*var. sphacelata* (Smith) Wahlenberg, 35  
*caspica* misapplied, 39  
*chilensis* Molina, 23  
*× chrysocoma* Dode, 27  
*cinerea* Linnaeus, 35, 37  
*subsp. cinerea*, 35  
*subsp. oleifolia* Macreight, 35  
*'Tricolor'*, 37  
*cordata* Michaux, 30  
*cordata* Muhlenberg, 30  
*× cottetii* Kerner, 29  
*daphnoides* Villars, 39  
*'Aglaiia'*, 39  
*× dasyclados* Wimmer, 35  
*'Grandis'*, 35  
*detiapiens* Hoffmann, 27  
*discolor* Muhlenberg, 37  
*× ehrhartiana* Smith, 25  
*elaeagnos* Scopoli, 39  
*elbursensis* Boissier, 41  
*× elegantissima* Koch, 27  
*eriocephala* Michaux, 30, 33  
*'Americana'*, 30  
*× erythroflexuosa* Ragonese, 27  
*eucalyptoides* Schneider, 25  
*exigua* Nuttall, 27, 29  
*fargesii* Burkill, 30  
*× finmarchica* Willdenow, 30  
*foetida* Schleicher, 33  
*× forbyana* Smith, 37  
*fragilis* Linnaeus, 27  
*var. decipiens* (Hoffmann) Koch, 27  
*var. fragilis*, 27  
*var. furcata* Gaudin, 27  
*var. russelliana* (Smith) Koch, 27  
*var. sphaerica* Hryniewiecki, 27  
*× gillotii* misapplied, 29  
*glaucina* Linnaeus, 30  
*glaucosericea* Floderus, 30  
*gracilis* Andersson, 30  
*gracilistyla* Miquel, 39  
*var. melanostachys* (Makino) Schneider, 39  
*var. variegata* Kimura, 39

- Salix* Linnaeus (*continued*)  
 × *grahamii* Baker, 29  
   var. *grahamii*, 29  
   var. *moorei* (White) Meikle, 29  
   ‘Hagensis’, 35  
*hastata* Linnaeus, 33  
   ‘Wehrhahnii’, 33  
*helvetica* Villars, 39  
*herbacea* Linnaeus, 29  
*hippophaiifolia* Thuillier, 25  
*hookeriana* Barratt, 39  
*humboldtiana* Willdenow, 23  
*humilis* Marshall, 37  
*hylematica* misapplied, 30  
*incana* Schrank, 39  
*integra* Thunberg, 41  
*irrorata* Andersson, 41  
*jacquinii* Host, 30  
*japonica* misapplied, 27  
*japonica* Thunberg, 27  
*kitaibeliana* Willdenow, 29  
*lambertiana* Smith, 41  
*lanata* Linnaeus, 39  
*laponum* Linnaeus, 39  
*lasiandra* Benthams, 25  
*lasiocarpa* Benthams, 41  
*laurifolia* Wesmael, 25  
*lavandulifolia* misapplied, 39  
 × *leucopithecia* Kimura, 35  
*lindleyana* Andersson, 30  
*livida* Wahlenberg, 37  
*lucida* Muhlenberg, 25  
*magnifica* Hemsley, 30  
*matsudana* Koidzumi, 27  
*medemii* Boissier, 33  
*melanostachys* Makino, 39  
 × *meyeriana* Willdenow, 25  
*microstachya* Trautvetter, 41  
*mielichoferi* Sauter, 33  
*missouriensis* Bebb, 30  
*miyabeana* Seeman, 41  
 × *mollissima* Elwert, 23, 25  
   var. *hippophaiifolia* (Thuillier) Wimmer, 25  
   var. *mollissima*, 23  
   var. *undulata* (Ehrhart) Wimmer, 23, 25  
*moupinensis* Franchet, 30  
*myricoides* misapplied, 33  
*myrsinifolia* Salisbury, 33  
*myrsinites* Linnaeus, 29–30  
*myrtilloides* Linnaeus, 30  
*nakamuraana* Koidzumi, 29  
   var. *yezoalpina* (Koidzumi) Kimura, 29  
*nepalensis* invalid, 30  
*nicholsonii purpurascens* invalid, 30  
*nigra* Marshall, 23  
*nigricans* Smith, 33  
*nitida* Gmelin, 33  
*pendulina* Wenderoth, 27  
   var. *blanda* Andersson, 27  
   var. *elegantissima* (Koch) Meikle, 27  
   var. *pendulina*, 27  
*pentandra* Linnaeus, 25  
*petiolaris* Smith, 30  
*phyllicifolia* Linnaeus, 33  
*piperi* Bebb, 39  
*polaris* Wahlenberg, 29  
*prunifolia* Smith, 33  
*purpurea* Linnaeus, 41  
   ‘Pendula’, 41  
   subsp. *lambertiana* (Smith) Rechinger, 41  
   var. *gracilis* Grenier & Godron, 41  
*pyrifolia* Andersson, 33  
*rehderiana* Schneider, 37, 39  
*repens* Linnaeus, 39.  
   var. *argentea* (Smith) Wimmer & Grabowski, 41  
   var. *subopposita* (Miquel) Seeman, 41  
*reticulata* Linnaeus, 29  
*retusa* Linnaeus, 29  
*rigida* Muhlenberg, 30  
*rosmarinifolia* Linnaeus, 41  
 × *rubens* Schrank, 25  
   forma *basfordiana* Meikle, 25  
   forma *sanguinea* Meikle, 25  
   var. *rubens*, 25  
 × *rubra* Hudson, 37  
*russelliana* Smith, 27  
*sachalinensis* Schmidt, 37  
 × *salamonii* Henry, 25  
*schraderiana* Willdenow, 33  
 × *sepulcralis* Simonkai, 25, 27  
   ‘Erythroflexuosa’, 27  
   var. *chrysocoma* (Dode) Meikle, 27  
   var. *sepulcralis*, 27  
 × *sericans* Kerner, 35  
 × *seringean* Gaudin, 35  
*serpyllifolia* Scopoli, 29  
 × *smithiana* Willdenow, 37  
*starkeana* Willdenow, 37  
 × *stipularis* Smith, 35  
 subgenus *Chamaetia* Dumortier, 20  
 subgenus *Salix*, 20  
 subgenus *Vetrix* Dumortier, 20  
*subopposita* Miquel, 41  
*triandra* Linnaeus, 23  
*tristis* Aiton, 37  
*udensis* Trautvetter & Meyer, 37  
   ‘Sekka’, 37  
*undulata* Ehrhart, 23, 25  
*uva-ursi* Pursh, 30  
*variegata* Franchet, 41  
*viminialis* Linnaeus, 37  
*waldsteiniana* Willdenow, 33  
*wehrhahnii* Bonstedt, 33  
*wilhelmiana* Bieberstein, 41  
   var. *microstachya* (Trautvetter) Herder, 41  
 × *wimmeriana* Grenier & Godron, 35  
*Sanguinaria* Linnaeus, 532–533  
*canadensis* Linnaeus, 533  
   ‘Flore Pleno’, 533  
   ‘Multiplex’, 533  
Santalaceae, 122–123  
*Santalum* Linnaeus, 123  
 album Linnaeus, 123  
*obtusifolium* Brown, 123  
*Saponaria* Linnaeus, 189–190  
*bellidifolia* Smith, 190  
*caespitosa* de Candolle, 190  
*calabrica* Gussone, 190  
*cypria* Boissier, 190  
*haussknechtii* Simmler, 190  
 × *lempergii* Anon., 190  
   ‘Max Frei’, 190  
*lutea* Linnaeus, 190  
*ocymoides* Linnaeus, 190  
   ‘Bressingham’, 190  
   ‘Rubra Compacta’, 190  
*officinalis* Linnaeus, 190  
 × *olivana* Wocke, 190  
*pumila* (St. Lager) Janchen, 190  
*pumilio* (Linnaeus) Braun, 190  
*sicula* Rafinesque subsp. *intermedia* (Simmler) Chater, 190  
*vaccaria* Linnaeus, 190  
*Sarcandra* Gardner, 438–439  
 glabra (Thunberg) Nakai, 438–439  
*Sarcocapnos* de Candolle, 545–546  
 baetica (Boissier & Reuter) Nyman, 545  
*crassifolia* (Desfontaines) de Candolle, 545–546  
   subsp. *atlantis* (Emberger & Maire) Lidén, 545  
   subsp. *crassifolia*, 545  
   subsp. *speciosa* (Boissier) Rouy, 545  
*enneaphylla* (Linnaeus) de Candolle, 545  
*speciosa* Boissier, 545  
*Sarothra gentianoides* Linnaeus, 500  
*japonica* (Murray) Y. Kimura, 501  
*laxa* (Blume) Y. Kimura, 501  
*Sarracenia* Linnaeus, 506–507  
 alata (Wood) Wood, 506–507  
*alabamensis* Case & Case, 507  
*drummondii* Croom, 507  
*flava* Linnaeus, 507  
   var. *oreophila* Kearney, 507  
*jonesii* Wherry, 507  
*leucophylla* Rafinesque, 507  
*minor* Walter, 507  
*nutans* (Benthams) Dietrich, 506  
*oreophila* (Kearney) Wherry, 507  
*psittacina* Michaux, 507  
*purpurea* Linnaeus, 507  
*rubra* Walter, 507  
*variolaris* Michaux, 507  
Sarraceniaceae, 505–507  
*Sasanqua odorata* Rafinesque, 460–461  
 oleifera (Abel) Rafinesque, 461  
 vulgaris Nees, 460  
*Sassafras* Trew, 337–338  
 albidum (Nuttall) Nees, 337–338  
 officinale Nees & Ebermairer var. *albidum* (Nuttall) Blake, 337  
*Saurauia* Willdenow, 455  
*nepalensis* de Candolle, 455  
*purgans* B.L. Burt, 455  
*subspinosa* Anthony, 455  
*tomentosa* (Kunth) Sprengel, 455  
Saururaceae, 429–430  
*Saururus* Linnaeus, 429–430  
 cernuus Linnaeus, 429–430  
 cernuus Thunberg, 430  
*chinensis* (Loureiro) Baillon, 430  
*lucidus* Dona, 429  
*Schima* Blume, 468  
 argentea E. Pritz, 468  
 crenata Korthals, 468  
 forrestii Airy-Shaw, 468

- hasiana* Dyer, 468  
*noronhae* Blume, 468  
*sericea* Airy-Shaw, 468  
*superba* Gardner & Champion, 468  
*wallichii* (de Candolle) Korthals, 468  
 subsp. *noronhae* (Gardner & Champion) Bloembergen var. *superba* (Gardner & Champion) Bloembergen, 468  
 subsp. *wallichii* var. *hasiana* (Dyer) Bloembergen, 468
- Schisandra Michaux, 334–335  
*chinensis* (Turczaninow) Baillon, 334  
*glaucescens* Diels, 334  
*grandiflora* Hooker & Thomson, 334  
 var. *rubriflora* (Rehder & Wilson) Schneider, 334  
*propinqua* (Wallich) Baillon, 334–335  
*rubriflora* Rehder & Wilson, 334  
*sphenanthera* Rehder & Wilson, 334
- Schisandraceae, 334–335
- Schivereckia de Candolle, 568  
*bornmuelleri* Prantl, 568  
*doerfleri* (Wettstein) Bornmüller, 568  
*podolica* (Besser) de Candolle, 568
- Schizopetalon Sims, 549  
*walkerii* Sims, 549
- Schlumbergera Lemaire, 234–235  
*bridgesii* (Lemaire) Loefgren, 235  
 × *buckleyi* (Moore) Tjaden, 235  
*gaertneri* (Regel) Britton & Rose, 234  
*microsphaerica* (Schumann) Hoevel, 235  
*obtusangula* (Schumann) Hunt, 235  
*opuntoides* (Loefgren & Dusen) Hunt, 235  
*orssichiana* Barthlott & McMillan, 235  
*russelliana* (Hooker) Britton & Rose, 235  
*truncata* (Haworth) Moran, 235  
*truncata* misapplied, 235
- Schwantesia Dinter, 163–164  
*ruedebuschii* Dinter, 164  
*triebneri* Bolus, 164
- Scleranthus Linnaeus, 201  
*biflorus* (Forster & Forster) Hooker, 201  
*brockiei* Williamson, 201  
*uniflorus* Williamson, 201
- Sclerocactus Britton & Rose, 281–284  
*brevihamatus* Engelman, 271  
*erectocentrus* (Coulter) Taylor, 283  
*franklinii* Evans, 283  
*glaucus* (Schumann) Benson, 283  
*intermedius* Peebles, 284  
 intertextus (Engelmann) Taylor, 283  
 var. *dasyacanthus* (Engelmann) Taylor, 283  
*johnsonii* (Engelmann) Taylor, 283  
*mariposensis* (Hester) Taylor, 283  
*papyracanthus* (Engelmann) Taylor, 284  
*parviflorus* Clover & Jotter, 284  
*polyancistrus* (Engelmann & Bigelow) Britton & Rose, 284  
*scheeri* (Salm-Dyck) Taylor, 282  
*uncinatus* (Galeotti) Taylor, 282  
 subsp. *crassihamatus* (Weber) Taylor, 282  
 subsp. *wrightii* (Engelmann) Taylor, 282  
*unguispinus* (Engelmann) Taylor, 282–283  
 var. *durangensis* (Runge) Taylor, 283  
*warnockii* (Benson) Taylor, 283  
*whipplei* (Engelmann & Bigelow) Britton & Rose, 283–284  
*wrightiae* Benson, 284
- Sclerolaena diacantha* (Nees) Benth, 205
- Selenicereus (Berger) Britton & Rose, 229–230  
*chrysochordium* (Alexander) Kimmach, 230  
*grandiflorus* (Linnaeus) Britton & Rose, 229  
*hamatus* (Scheidweiler) Britton & Rose, 229  
*macdonaldiae* (Hooker) Britton & Rose, 229  
*megalanthus* (Vaupel) Moran, 230  
*pteranthus* (Link & Otto) Britton & Rose, 229  
*setaceus* (de Candolle) Werederman, 230  
*spinulosus* (de Candolle) Britton & Rose, 229–230  
*urbanianus* (Guercke & Weingart) Britton & Rose, 229
- Semiaquilegia Makino, 349  
*ecalcarata* (Maximowicz) Sparague & Hutchinson, 349  
*simulatrix* Drummond & Hutchinson, 349
- Semnanthe lacera (Haworth) Brown, 155
- Seticereus chlorocarpus* (Kunth) Backeberg, 244  
*icosagonus* (Schumann) Backeberg, 244  
*roezlii* (Haage) Backeberg, 244
- Setiechinopsis mirabilis* (Spegazzini) De Haas, 250
- Silene Linnaeus, 184–187  
*acaulis* (Linnaeus) Jacquin, 186  
 ‘Correvoniana’, 186  
*alba*, 187  
*alpestris* Jacquin, 186  
*armeria* Linnaeus, 186  
*californica* Durand, 185  
*coeli-rosa* (Linnaeus) Godron, 187  
 ‘Oculata’, 187  
*compacta* Fischer, 186  
*dioica* (Linnaeus) Clairvaux, 186–187  
*elisabethae* Jan, 185  
*elongata* Bellardi, 186  
*exscapa* Allioni, 186  
*fimbriata* Sims, 185–186  
*fruticosa* Linnaeus, 185  
*gallica* Linnaeus var. *quinquevulnera* (Linnaeus) Mertens & Koch, 187  
*hifacensis* Willdenow, 185  
*hookeri* Torrey & Gray, 186  
*keiskii* Miquel, 186  
 forma minor Takeda, 186  
*longiscapa* Kerner, 186  
*maritima* Withering, 186  
*mollissima* (Linnaeus) Persoon, 185  
*multifida* (Adams) Rohrbach, 185  
*nutans* Linnaeus, 185  
*pendula* Linnaeus, 187  
*pumilio* Wulf, 190  
*pusilla* Wadstein & Kitaibel, 186  
*quadridentata* in the sense of Hayek, 186  
*quadrifida* Linnaeus, 186  
*schafta* Hohenacker, 186
- Sicula Ucria.**  
*uniflora* Roth, 186  
*vallesia* Linnaeus subsp. *vallesia*, 186  
*virginica* Linnaeus, 185  
*vulgaris* Linnaeus subsp. *maritima* (Withering) Love & Love, 186  
 subsp. *vulgaris*, 186
- zawadskii Herlich.**  
*Sinofranchetia* (Diels) Henry, 419–420  
*chinensis* (Franchet) Hemsley, 420
- Sinomenium Diels, 422  
*acutum* (Thunberg) Rehder & Wilson, 422  
*diversifolium* (Miquel) Diels, 422
- Sinopodophyllum Ying, 416–417  
*emodi* (Wallich) Ying, 417  
*hexandrum* (Royle) Ying, 417  
 var. *chinense* (Sprague) Shaw, 417  
 var. *emodi* (Wallich) Shaw, 417  
 ‘Major’, 417  
 var. *hexandrum*, 417
- Sisymbrium Linnaeus, 549–550  
*luteum* (Maximowicz) O.E. Schulz, 550  
*nasturtium-aquaticum* Linnaeus, 556  
*pimatifidum* (Lamarck) de Candolle, 550  
*tanacetifolium* Linnaeus, 550
- Sitodium altile* Parkinson, 88
- Soehrensia bruchii* (Britton & Rose) Backeberg, 253, 254  
*formosa* (Pfeiffer) Backeberg, 253  
*grandis* (Britton & Rose) Backeberg, 254
- Soleirolia Gaudichaud-Beaupré, 107  
*soleirolia* (Requien) Dandy, 107
- Spinacia Linnaeus, 203  
*oleracea* Linnaeus, 203
- Spraguea Torrey, 180–181  
*multiceps* Howell, 180  
*umbellata* Torrey, 180–181  
 var. *caudicifera* Gray, 181
- Stalagmitis cambogioides* Murray, 505  
*dulcis* (Roxburgh) Cambessèdes, 503
- Stauntonia de Candolle, 419  
*hexaphylla* (Thunberg) Decaisne, 419  
*latifolia* (Wallich) Wallich, 419
- Stenocactus (Schumann) Hill, 295–296  
*coptonogonus* (Lemaire) Hill, 295  
*crispatus* (de Candolle) Hill, 295  
*multicostatus* (Schumann) Hill, 295  
*obvallatus* (de Candolle) Hill, 295  
*ochotereanus* Tiegel, 295–296  
*phyllacanthus* (Dietrich & Otto) Hill, 296  
*sulphureus* (Dietrich) Bravo, 296  
*vaupelianus* (Werdermann) Backeberg, 296
- Stenocarpus Brown, 118  
*cunninghamii* invalid, 118  
*salignus* Brown, 118  
*sinuatus* Endlicher, 118
- Stenocereus Riccobono, 224–225  
*alamosensis* (Coulter) Gibson and Horak, 225  
*beneckeii* (Ehrenberg) Buxbaum, 224  
*dumortieri* (Scheidweiler) Buxbaum, 224–225  
*eruca* (Brandegee) Gibson & Horak, 224  
*marginatus* (de Candolle) Berger & Buxbaum, 222  
*pruinus* (Pfeiffer) Buxbaum, 224  
*queretaroensis* (Weber) Buxbaum, 225  
*stellatus* (Pfeiffer) Riccobono, 225  
*thurberi* (Engelmann) Buxbaum, 225
- Stetsonia Britton & Rose, 236  
*coryne* (Salm-Dyck) Britton & Rose, 236
- Stewartia Linnaeus, 456–459  
*gemmata* Chien & Chang, 459  
*grandiflora* Carrière, 459

- Stewartia* Linnaeus (*continued*)  
 × *henryae* Li, 459  
*koreana* Rehder, 459  
*malacodendron* Linnaeus, 458  
*monadelpha* Siebold & Zuccarini, 459  
*ovata* (Cavanilles) Weatherby, 458  
   *forma grandiflora* (Bean) Kobuski, 458  
*pentagyna* L'Héritier, 458  
*pseudocamellia* Maximowicz, 459  
   var. *koreana* (Rehder) Sealy, 459  
*pteropetiolata* W.C. Cheng, 458  
*rostrata* Spongberg, 458–459  
*sericea* Nakai, 459  
*serrata* Maximowicz, 458  
*sinensis* misapplied, 458  
*sinensis* Rehder & Wilson, 459  
*virginica* Cavanilles, 458  
*Stoeberia* Dinter & Schwantes, 175  
   *beetzii* (Dinter) Dinter & Schwantes, 175  
   *carpii* Friedrich, 175  
   *littlewoodii* Bolus, 175  
*Stomatium* Schwantes, 158–159  
   *geoffreyi* Bolus, 158  
   *meyeri* Bolus, 159  
   *niveum* Bolus, 158–159  
   *trifarium* Bolus, 159  
*Strombocactus* Britton & Rose, 288  
   *disciformis* (de Candolle) Britton & Rose, 288  
*Stuartia*, 457  
*Stylomecon* Taylor, 530  
   *heterophylla* (Benthham) Taylor, 530  
*Stylophorum* Nuttall, 531  
   *diphyllum* (Michaux) Nuttall, 531  
*Suaeda* Scopoli, 205  
   *fruticosa* invalid, 205  
   *vera* Gmelin, 205  
*Sulcorebutia arenacea* (Cardenas) Ritter, 257  
   *bicolorispina* invalid, 257  
   *candiae* (Cardenas) Buining & Donald, 257  
   *canigueralii* (Cardenas) Buining & Donald, 257  
   *cylindrica* Donald, 256  
   *flavissima* Rausch, 257  
   *glomeriseta* (Cardenas) Ritter, 257  
   *hoffmanniana* (Backeberg) Backeberg, 257  
   *lepida* Ritter, 257  
   *mentosa* Ritter, 257  
   *rauschii* Frank, 257  
   *steinbachii* (Werdermann) Backeberg, 257  
   *tarabucoensis* Rausch, 257  
   *taratensis* (Cardenas) Buining & Donald, 257  
   *vizcarrae* (Cardenas) Donald, 257  
*Talauma salicifolia* Siebold & Zuccarini var.  
   *concolor* Miquel, 326  
*Talinum* Adanson, 178–179  
   *caffrum* (Thunberg) Ecklon & Zeyher, 179  
   *calycinum* Engelmann, 179  
   *okanoganense* English, 179  
   *paniculatum* (Jacquin) Gaertner, 179  
   *spinescens* Torrey, 179  
   *teretifolium* Pursh, 179  
*Tanquana hilmarii* (Bolus) Hartmann & Leide, 158  
   *prismatica* (Schwantes) Hartmann & Leide,  
   158  
*Tasmannia* Brown, 330  
   *aromatica* Brown, 330  
*Telopea* Brown, 116  
   ‘Braidwood Brilliant’, 116  
   *mongaensis* Cheel, 116  
   *oreades* Mueller, 116  
   *speciosissimum* (Smith) Brown, 116  
   *truncata* (Labillardière) Brown, 116  
   *forma lutea* Gray, 116  
*Tephrocactus* Lemaire, 312  
   *articulatus* (Pfeiffer) Backeberg, 313  
   *molinensis* (Spegazzini) Backeberg, 313  
   *pentlandii* (Salm-Dyck) Backeberg, 312  
*Ternstroemia* Linnaeus filius, 469  
   *gymnanthera* (Wight & Arnott) Sprague,  
   469  
   ‘Variegata’, 469  
   *japonica* misapplied, 469  
   *japonica* Thunberg, 469  
Tetracentraceae, 340  
*Tetracentron* Oliver, 340  
   *sinense* Oliver, 340  
*Thalictrum* Linnaeus, 364–367  
   *adiantifolium* Besser, 366  
   *alpinum* Linnaeus, 365  
   *anemonoides* Michaux, 367  
   *angustifolium* misapplied, 366  
   *aquilegifolium* Linnaeus, 366  
   ‘Album’, 366  
   *arenarium* Butcher, 366  
   *calabricum* Sprengel, 366  
   *chelidonii* de Candolle, 367  
   *coreanum* Léveillé, 366  
   *delavayi* Franchet, 366  
   ‘Album’, 366  
   *diffusiflorum* Marquand & Airy-Shaw, 366  
   *diptercarpum* Franchet, 367  
   *diptercarpum* misapplied, 366  
   *elatum* Boissier, 366  
   *fendleri* Engelmann, 367  
   *flavum* Linnaeus, 366  
   subsp. *glaucum* (Desfontaines) Battandier,  
   366  
   *foeniculaceum* Bunge, 365  
   *foetidum* Linnaeus, 365  
   *gallicum* Rouy & Foucaud, 366  
   *glaucum* Desfontaines, 366  
   ‘Hewitt’s Double’, 366  
   *ichangense* Oliver, 366  
   *javanicum* Blume, 366  
   *kemense* Fries, 366  
   *kiusianum* Nakai, 366  
   *lucidum* Linnaeus, 366  
   *majus* Crantz, 366  
   *minus* Linnaeus, 365–366  
   *orientale* Boissier, 365  
   *psilotifolium* invalid, 365  
   *pubescens* Schleicher, 366  
   *purpureum* Shang, 366  
   *reniforme* Wallich, 367  
   *rochebrunianum* Franchet & Savatier, 366  
   *rugosum* Aiton, 366  
   *saxatilis* de Candolle, 366  
   *simplex* Linnaeus, 366  
   *speciosissimum* Linnaeus, 366  
   *tuberosum* Linnaeus, 365  
*Thea bachmaensis* Gagnepain, 460  
   *bohea* Linnaeus, 462  
*brachystemon* Gagnepain, 460  
*camellia* Hoffmannsegg, 461  
   var. *lucidissima* Léveillé, 462  
*cantonensis* Loureiro, 462  
*caudata* (Wallich) Seemann, 465  
*cochinchinensis* Loureiro, 462  
*crapnelliana* (Tutcher) Rehder, 461  
*cuspidata* Kochs, 465  
*fraterna* (Hance) O. Kuntze, 465  
*fusiger* Gagnepain, 465  
*gracilis* (Hemsley) Hayata, 465  
*hongkongensis* (Seemann) Pierre, 461  
*hozanensis* Hayata, 461  
*iniquicarpa* Kochs, 460  
*japonica* (Linnaeus) Baillon, 461  
*maliflora* (Lindley) Seemann, 465  
*oleosa* Loureiro, 462  
*pitardii* (Cohen Stuart) Rehder, in part, 462  
   var. *lucidissima* (Léveillé) Rehder, 462  
*podogyne* Léveillé, 461  
*reticulata* (Lindley) Kochs, 462  
*rosaeflora* (Hooker) O. Kuntze, 465  
   var. *glabra* Kochs, 465  
   var. *pilosa* Kochs, 465  
*salicifolia* (Champion) Seemann, 465  
   var. *warburgii* Kochs, 465  
*sasanqua* misapplied, 461  
*sasanqua* (Thunberg) Cels, 460  
   var. *kissii* (Wallich) Pierre, 460  
   var. *thunbergii* Pierre, 460  
*sinensis* Linnaeus, 462  
*speciosa* Handel-Mazetti, in part, 462  
*taliensis* W.W. Smith, 462  
*tsaii* (Hu) Gagnepain, 465  
*viridis* Linnaeus, 462  
Theaceae, 456–470  
*Thelocactus* Britton & Rose, 284  
   *bicolor* (Pfeiffer) Britton & Rose, 285  
   subsp. *bicolor*, *flavidispinus* Backeberg,  
   285  
   subsp. *heterochromus* (Weber) Mosco &  
   Zanelli, 285  
   subsp. *schwarzii* (Backeberg) Anderson,  
   285  
   *buekii* (Klein) Britton & Rose, 285  
   *conothelos* (Regel & Klein) Knuth, 285  
   *ehrenbergii* (Pfeiffer) Knuth, 285  
   *flavidispinus* (Backeberg) Backeberg, 485  
   *fossulatus* (Scheidweiler) Britton & Rose, 486  
   *goldii* Bravo, 287  
   *heterochromus* (Weber) Oosten, 285  
   *hexaedrophorus* (Lemaire) Britton & Rose,  
   285–286  
   subsp. *hexaedrophorus*, 286  
   subsp. *lloydii* (Britton & Rose) Taylor, 286  
   *leucacanthus* (Pfeiffer) Britton & Rose, 285  
   *lloydii* Britton & Rose, 286  
   *lophophoroides* Werdermann, 287  
   *lophothele* (Salm-Dyck) Britton & Rose, 286  
   *macdowellii* (Quehl) Glass, 285  
   *matudae* Sanchez-Mejorada & Lau, 285  
   *nidulans* (Quehl) Britton & Rose, 286  
   *phymatothelos* (Ruempler) Britton & Rose, 286  
   *pottsii* misapplied, 285  
   *rinconensis* (Poselger) Britton & Rose, 286  
   *sanchezmejoradae* Meyran, 285

- saussieri* (Weber) Berger, 285  
*schwarzii* Backeberg, 285  
*setispinus* (Engelmann) Anderson, 284–285  
*tulensis* (Poselger) Britton & Rose, 285  
   var. *buekii* (Klein) Anderson, 285  
*wagnerianus* Berger, 285  
*Theopsis fraterna* (Hance) Nakai, 465  
*Thlaspi* Linnaeus, 574–575  
   *alpestre* Jacquin, 574  
   *alpestre misapplied*, 574  
   *alpinum* Crantz, 574  
   *bellidifolium* Grisebach, 575  
   *bulbosum* Spruner, 574  
   *caerulescens* J. & C. Presl, 574  
   *cepaefolium* (Wulfen) Koch, 574–575  
     subsp. *cepaefolium*, 575  
     subsp. *rotundifolium* (Linnaeus) Greuter & Burdet, 575  
   *densiflorum* Boissier & Kotschy, 575  
   *kernerii* Huter, 574  
   *latifolium* von Bieberstein, 575  
   *macrophyllum* Hoffmann, 575  
   *montanum* Linnaeus, 574  
   *rotundifolium misapplied*, 574  
     var. *limosellifolium* Burnet, 574  
   *stylosum* (Tenore) Mutel, 574  
   *sylvestre* Jordan, 574  
   *violascens* Boissier, 575  
*Thrixanthocereus blossfeldiorum* (Werdermann) Backeberg, 243  
   *senilis* Ritter, 243  
*Titanopsis* Schwantes, 157  
   *calcareo* (Marloth) Schwantes, 157  
   *fulleri* Tischer, 157  
   *luederitzii* Tischer, 157  
   *primosii* Bolus, 157  
   *schwantesii* (Dinter) Schwantes, 157  
     'Primosii', 157  
*Toumeyia papyracantha* (Engelmann) Britton & Rose, 281  
*Tovara filiforme* (Thunberg) Nakai, 130  
   *virginiana* (Linnaeus) Rafinesque, 130  
*Triadenia aegyptica* (Linnaeus) Boissier, 499  
   *maritimum* (Sieber) Boissier, 499  
*Trichinium manglesi* Lindley, 208  
*Trichocereus andalgalensis* (Schumann) Hosseus, 252  
   *candicans* (Salm-Dyck) Britton & Rose, 251  
   *chiloensis* (Colla) Britton & Rose, 251  
   *coquimbano* (Molina) Britton & Rose, 251  
   *courantii* (Schumann) Backeberg, 251  
   *fulvilanus* Ritter, 251  
   *grandiflorus* invalid, 252  
   *lamprochlorus* (Lemaire) Britton & Rose, 251  
   *macrogonus* (Salm-Dyck) Riccobono, 251  
   *pachanoi* Britton & Rose, 251  
   *pasacana* (Ruempler) Britton & Rose, 251  
   *poco* (Backeberg) Backeberg, 253  
   *santiaguensis* (Spegazzini) Backeberg, 252  
   *schickendantzii* (Weber) Britton & Rose, 252  
   *spachianus* (Lemaire) Riccobono, 251  
   *strigosus* (Salm-Dyck) Britton & Rose, 252  
   *tacaquirensis* (Vaupel) Cardenas, 251  
   *taquimbalensis* (Cardenas) Friedrich & Rowley, 253  
   *tarijensis* (Vaupel) Werdermann, 253  
   *terscheckii* (Pfeiffer) Britton & Rose, 251  
   *thelegonoides* (Spegazzini) Britton & Rose, 252  
   *thelegonus* (Schumann) Britton & Rose, 252  
   *werdermannianus* Backeberg, 251  
*Trichodiadema* Schwantes, 154–155  
   *barbatum* (Linnaeus) Schwantes, 155  
   *bulbosum* (Linnaeus) Schwantes, 154–155  
   *densum* (Haworth) Schwantes, 155  
   *intonsum* (Haworth) Schwantes, 155  
   *peersii* Bolus, 155  
   *stellatum* (Miller) Schwantes, 155  
*Trichostigma* Richard, 134–135  
   *peruvianum* (Moquin) Walter, 134–135  
*Tristylium ochraceum* (de Candolle) Merrill, 469  
*Trochodendraceae*, 340–341  
*Trochodendron* Siebold & Zuccarini, 340–341  
   *aralioides* Siebold & Zuccarini, 341  
*Trochostigma rufa* Siebold & Zuccarini, 453  
*Trollius* Linnaeus, 354–355  
   *acaulis* Lindley, 355  
   *albiflorus* Rydberg, 355  
   *asiaticus* Linnaeus, 354  
     'Fortunei', 354  
   *caucasicus* Steven, 355  
   *chinensis* Bunge, 354  
   × *cultorum* Bergmans, 355  
   *europaeus* Linnaeus, 354–355  
   *farreri* Stapf, 355  
   *giganteus* invalid, 354  
   × *hybridus* invalid, 355  
   *laxus* Salisbury, 355  
     'Albiflorus', 355  
   *ledebourii* Reichenbach, 354  
   *patulus* Salisbury, 355  
   *pumilus* Don, 355  
     'Farreri', 355  
   *ranunculinus* (Smith) Stearn, 355  
   *yunnanensis* (Franchet) Ullrich, 354  
*Tunica saxifraga* (Linnaeus) Scopoli, 197  
*Tunilla* Hunt & Iliff, 314  
   *corrugata* (Salm-Dyck) Hunt & Iliff, 314  
*Turbinicarpus* (Backeberg) Buxbaum & Backeberg, 286  
   *beguinii* (Taylor) Mosco & Zanovello, 286  
     subsp. *beguinii*, 286  
     subsp. *zaragozae* (Glass & Foster) Hunt, 286  
   *flaviflorus* Frank & Lau, 288  
   *gielsdorffianus* (Werdermann) John & Riha., 288  
   *gracilis* Glass & Foster, 287  
   *horriplus klinkerianus* Backeberg & Jacobsen, 288  
   *krainzianus* (Frank) Backeberg, 288  
   *lauri* Glass & Foster, 287  
   *lophophoroides* (Werdermann) Buxbaum & Backeberg, 287  
   *macrochele* (Werdermann) Buxbaum & Backeberg, 288  
   *mandragora* (Berger) Zimmermann, 286  
   *polaskii* Backeberg, 288  
   *pseudomacrochele* (Backeberg) Buxbaum & Backeberg, 288  
   *pseudopectinatus* (Backeberg) Glass & Foster, 288  
   *saueri* (Boedecker) John & Riha, 286  
     subsp. *knuthianus* (Boedecker) Lüthy, 286  
     subsp. *saueri*, 286  
   *schmiedickeanus* (Boedecker) Buxbaum & Backeberg, 288  
     subsp. *dicksoniae* (Glass & Foster) Taylor, 287  
     subsp. *flaviflorus* (Frank & Lau) Glass, 288  
     subsp. *gracilis* (Glass & Foster) Glass, 287  
     subsp. *klinkerianus* (Backeberg & Jacobsen) Taylor, 288  
     subsp. *macrochele* (Werdermann) Taylor, 288  
     subsp. *schmiedickeanus*, 287  
     subsp. *schwarzii* (Shurly) Taylor, 288  
     var. *dicksoniae* Glass & Foster, 288  
   *schwarzii* (Shurly) Backeberg, 288  
   *subterraneus* (Backeberg) Zimmermann, 287  
   *valdezianus* (Moeller) Glass & Foster, 288  
   *viereckii* (Werdermann) John & Riha, 287  
*Uebelmannia* Buining, 241–242  
   *buiningii* Donald, 242  
   *gummifera* (Backeberg & Voll) Buining, 241–242  
     subsp. *gummifera*, 242  
     subsp. *meninensis* (Buining) Braun & Esteves Pereira, 242  
   *meninensis* Buining, 241  
   *pectinifera* Buining, 241  
*Ullucus* Caldas, 184  
   *tuberosus* Lozano, 182  
*Ulmaceae*, 80–87  
*Ulmus* Linnaeus, 81–87  
   *americana* Linnaeus, 83  
   *angustifolia* (Weston) Weston, 86  
     var. *cornubiensis* (Weston) Melville, 86  
   × *belgica* Burgsdorf, 84  
   *campestris* Linnaeus, 84  
   *campestris misapplied*, 84  
   *carpinifolia* Suckow, 86  
     forma *pendula* (Henry) Rehder, 86  
     forma *wredei* (Juehlike) Rehder, 86  
     var. *cornubiensis* (Weston) Rehder, 86  
     var. *dampieri* (Wesmael) Rehder, 86  
     var. *sarniensis* (Loudon) Rehder, 86  
     var. *umbraculifera* (Trautvetter) Rehder, 86  
     var. *wheatleyi* (Simon-Louis) Bean, 86  
   *coritana* Melville, 86  
   *effusa* Willdenow, 83  
     × *elegantissima* 'Jacqueline Hillier', 84  
   *fulva* Michaux, 84  
   *glabra* Hudson, 84  
     'Camperdownii', 84  
     'Exoniensis', 84  
     'Horizontalis', 84  
     'Pendula', 84  
     var. *fastigiata* invalid, 84  
   × *hollandica* Miller, 84  
     'Belgica', 84  
     'Dampieri', 84  
     'Hollandica', 84  
     'Jacqueline Hillier', 84  
     'Major', 84  
     'Vegeta', 84

- Ulmus* Linnaeus (*continued*)  
 var. *major* (Smith) Rehder, 84  
 var. *vegeta* (Loudon) Rehder, 84  
*laevis* Pallas, 83  
*minor* Miller, 84–86  
 ‘Cornubiensis’, 86  
 ‘Dampieri’, 86  
 ‘Pendula’, 86  
 ‘Sarniensis’, 86  
 ‘Umbraculifera’, 86  
 ‘Wredei’, 86  
*montana* Withering, 84  
*nitens* Moench, 86  
*parvifolia* Jacquin, 87  
*plotii* Druce, 86  
*procera* Salisbury, 86  
*pumila* Linnaeus, 86–87  
 var. *arborea* Latvinov, 86–87  
*racemosa* Borkhausen, 83  
*rubra* Muhlenberg, 84  
*sarniensis* invalid, 86  
*stricta* (Aiton) Lindley, 86  
 var. *sarniensis* (Loudon) Moss, 86  
 × *vegeta* ‘Camperdownii’, 84  
*wheatleyi* invalid, 86  
*Umbellularia* Nuttall, 339  
*californica* (Hooker & Arnott) Nuttall, 339  
*Urera* Gaudichaud-Beaupré, 104  
*baccifera* (Linnaeus) Weddell, 104  
*Urtica* Linnaeus, 104  
*dioica* Linnaeus, 104  
*pilulifera* Linnaeus, 104  
*urens* Linnaeus, 104  
 Urticaceae, 104–107  
*Utahia sileri* (Engelmann) Britton & Rose, 281  
  
*Vaccaria* Medicus, 190–191  
*hispanica* (Miller) Rauschert, 190–191  
*pyramidata* Medicus, 190  
*Vancouveria* Morren & Decaisne, 414–415  
*chrysantha* Greene, 415  
*hexandra* (Hooker) Morren & Decaisne, 414–415  
*parviflora* Greene, 415  
*planipetala* Calloni, 415  
*Vanheerdea* Bolus, 148–149  
*angusta* (Bolus) Bolus, 149  
*divergens* (Bolus) Bolus, 149  
*primosii* Bolus, 149  
*Vanzijlia* Bolus, 149  
*angustipetala* (Bolus) Brown, 149  
*annulata* (Berger) Bolus, 149  
*Vella* Linnaeus, 580–581  
*anremerica* (Litardišre & Maire) Gêmez-Campo, 581  
*badalii* Pau, 580  
*glabrescens* Cosson, 580  
*mairei* Humbert, 581  
*monosperma* Menendez-Amor, 580  
*pseudocytisus* Linnaeus, 580–581  
 subsp. *anremerica* Litardišre & Maire, 581  
 subsp. *glabrescens* (Cosson) Litardišre & Maire, 580  
 subsp. *iberica* Litardišre & Maire, 580  
 subsp. *pau* Gêmez-Campo, 580  
 subsp. *pseudocytisus*, 580  
 var. *glabrescens* Willkomm, 580  
*spinosa* Boissier, 581  
*Vesicaria fendleri* Gray, 572  
*graeca* Reuter, 562  
*kingii* S. Watson, 572  
*Victoria* Lindley, 426–427  
*amazonica* (Poeppig) Sowerby, 426–427  
*cruziana* Orbigny, 427  
 ‘Longwood Hybrid’, 427  
*regia* misapplied, 427  
*regia* Lindley, 426  
*trickeri* invalid, 427  
 Visaceae, 123–124  
*Viscaria alpina* (Linnaeus) Don, 188  
*vulgaris* Bernhardt, 188  
*Viscum* Linnaeus, 124  
*album* Linnaeus, 124  
 subsp. *abietis* (Wiesbaur) Abromeit, 124  
 subsp. *album*, 124  
 subsp. *austriacum* (Wiesbaur) Vollman, 124  
*Visnea* Linnaeus filius, 468–469  
*mocanera* Linnaeus filius, 468–469  
  
*Wasabia* Matsumura, 550–551  
*japonica* (Miquel) Matsumura, 550–551  
*Webbia canariensis* (Linnaeus) Webb & Berthelot, 497  
*floribunda* (Aiton) Spach, 497  
*platysepala* Spach, 497  
*Weberbauerocereus* Backeberg, 243  
*albus* Ritter, 243  
*fascicularis* (Meyen) Backeberg, 243  
*horridispinus* Rauh & Backeberg, 243  
*johnsonii* Ritter, 243  
*rauhii* Backeberg, 243  
*seyboldianus* Rauh & Backeberg, 243  
*weberbaueri* (Vaupel) Backeberg, 243  
*winterianus* Ritter,  
*Weberocereus* Britton & Rose, 229  
*tonduzii* (Weber) Rowley, 229  
*Weingartia cintiensis* Cárdenas, 256  
*corroana* Cárdenas, 256  
*cumingii* misapplied, 256  
*fidaiana* (Backeberg) Werdermann, 256  
*kargliana* Rausch, 256  
*lanata* Ritter, 256  
*longigibba* Ritter, 256  
*neocumingii* Backeberg, 256  
*neumanniana* (Backeberg) Werdermann, 256  
 subsp. *pulquinensis* (Backeberg) Donald, 256  
*pulquinensis* Cárdenas, 256  
*purpurea* Donald & Lau, 257  
*riograndensis* Ritter, 256  
*sucrensii* Ritter, 256  
*torotorensis* Cárdenas, 257  
*Werckleocereus tonduzii* Britton & Rose, 229  
*Wigginsia corynodes* (Pfeiffer) Porter, 274  
*erinacea* (Haworth) Porter, 274  
*fricii* (Arechavaleta) Porter, 274  
*horstii* Ritter, 274  
*sellowii* (Link & Otto) Ritter, 274  
*sessiliflora* (Pfeiffer) Porter, 274  
*tephracantha* (Link & Otto) Porter, 274  
*vorwerkiana* (Werdermann) Porter, 274  
*Wilcoxia poselgeri* (Lemaire) Britton & Rose, 228  
*striata* (Brandegee) Britton & Brown, 222  
*tamaulipensis* Werdermann, 228  
*tuberosa* Kreuzinger, 228  
*viperina* (Weber) Britton & Rose, 222  
*Wintera colorata* (Raoul) van Tieghem, 331  
 Winteraceae, 330–331  
*Winterocereus aureispinus* (Ritter) Backeberg, 245  
  
*Xanthochymus dulcis* Roxburgh, 503  
*javanensis* Blume, 503  
*pictorius* Roxburgh, 503  
*tinctorius* de Candolle, 503  
*Xanthorhiza* Marshall, 343  
*simplicissima* Marshall, 343  
*Ximenia* Linnaeus, 121  
*americana* Linnaeus, 121  
*caffra* Sender, 121  
*Xylopi* Linnaeus, 332–333  
*aethiopica* (Dunal) Richard, 332–333  
*quintasii* Engler & Diels, 333  
*striata* Engler, 333  
  
*Yatabea japonica* (Ito) Yatabe, 410  
  
*Zanthorhiza apiifolia* L’Héritier, 343  
*Zelkova* Spach, 81  
*carpinifolia* (Pallas) Koch, 81  
*crenata* (Michaux) Spach, 81  
*serrata* (Thunberg) Makino, 81  
*Zygocactus truncatus* (Haworth) Schumann, 235