Appendix S1. List of gametophytic and sporophytic chromosome counts and subgeneric classification of 427 *Allium* species used for ancestral chromosome number reconstruction in the following order: species name, (*n*), [2*n*], subgenus. Species with multiple chromosome counts are separated by a comma within parentheses and brackets. Missing data are marked by an em dash.

*Allium aaseae*, (7), [14], *Amerallium* Traub. *A. abramsii*, (7), [14], *Amerallium*. *A. acuminatum*, (7), [14], *Amerallium*. *A. acutiflorum*, (8), [16], *Allium* L. *A. aflatunense*, (8), [16], *Melanocrommyum* (Webb & Berthel.) Rouy. *A. agrigentinum*, (—), [—], *Allium*. *A. akaka*, (8), [16, 32], *Melanocrommyum*. *A. alaicum*, (—), [—], *Melanocrommyum*. *A. alexeianum*, (8), [16], *Melanocrommyum*. *A. altaicum*, (8), [16], *Cepa* Radic. *A. altissimum*, (8), [16], *Melanocrommyum*. *A. altyncolicum*, (8), [32], *Cepa*. *A. ampeloprasum*, (8), [16, 24, 32, 40, 48], *Allium*. *A. amplectens*, (7), [14, 21, 28], *Amerallium*. *A. anceps*, (7), [14], *Amerallium*. *A. angulosum*, (8), [16, 32], *Rhizirideum* (G.Don ex Koch) Wendelbo. *A. anisopodium*, (8), [16, 32], *Rhizirideum*. *A. arkitense*, (—), [—], *Melanocrommyum*. *A. aroides*, (8), [16], *Melanocrommyum*. *A. asarense*, (8), [16], *Cepa*. *A. ascalonicum*, (8), [16], *Allium*. *A. aschersonianum*, (8), [16], *Melanocrommyum*. *A. assadii*, (—), [—], *Melanocrommyum*. *A. atropurpureum*, (8), [16, 32], *Melanocrommyum*. *A. atrorubens*, (7), [14], *Amerallium*. *A. atrosanguineum*, (8), [16, 32], *Cepa*. *A. atroviolaceum*, (8), [16, 24, 32], *Allium*. *A. auriculatum*, (—), [—], *Cyathophora* (R.M.Fritsch) R.M.Fritsch. *A. austrosibiricum*, (8), [16], *Rhizirideum*. *A. azutavicum*, (—), [—], *Rhizirideum*. *A. backhousianum*, (8), [16], *Melanocrommyum*. *A. bakhtiaricum*, (—), [—], *Melanocrommyum*. *A. barsczewskii*, (8), [16, 32], *Reticulatobulbosa* (Kamelin) N.Friesen. *A. beesianum*, (8), [16], *Reticulatobulbosa*. *A. bidentatum*, (8), [32], *Rhizirideum*. *A. bigelovii*, (7), [14], *Amerallium*. *A. bisceptrum*, (7), [14, 28], *Amerallium*. *A. bisotunense*, (—), [—], *Melanocrommyum*. *A. bolanderi*, (7), [14], *Amerallium*. *A. bourgeaui* subsp. *bourgeaui*, (8), [16, 24, 32], *Allium*. *A. brachyscapum*, (8), [16], *Melanocrommyum*. *A. brandegeei*, (7), [14], *Amerallium*. *A. brevidens*, (8), [16], *Allium*. *A. breviradium*, (8), [16, 24], *Amerallium*. *A. breviscapum*, (8), [16], *Melanocrommyum*. *A. brevistylum*, (7), [14], *Amerallium*. *A. bucharicum*, (8), [16], *Melanocrommyum*. *A. burjaticum*, (8), [32], *Rhizirideum*. *A. burlewii*, (7), [14], *Amerallium*. *A. caeruleum*, (8,) [16, 24, 32], *Allium*. *A. caesium*, (8), [16, 32], *Allium*. *A. caespitosum*, (—), [—], *Rhizirideum*. *A. campanulatum*, (7), [14, 28], *Amerallium*. *A. canadense*, (7), [14, 21, 28], *Amerallium*. *A. candolleanum*, (—), [—], *Amerallium*. *A. cardiostemon*, (8), [16], *Melanocrommyum*. *A. carmeli*, (7), [14, 21], *Amerallium*. *A. carolinianum*, (8), [16, 32], *Polyprason* Radic. *A. caspium*, (8), [16], *Melanocrommyum*. *A. cassium*, (7), [14], *Amerallium*. *A. castellanense*, (8), [16, 24], *Allium*. *A. cepa*, (8), [16, 24, 32, 54], *Cepa*. *A. cernuum*, (7), [14], *Amerallium*. *A. chamaemoly*, (7, 11), [22, 28], *Amerallium*. *A. chamaespathum*, (8), [16], *Allium*. *A. chamarense*, (8), [16], *Reticulatobulbosa*. *A. changduense*, (—), [—], *Reticulatobulbosa*. *A. chelotum*, (10), [20], *Melanocrommyum*. *A. chienchuanense*, (11), [22], *Amerallium*. *A. chinense*, (8), [24, 32], *Cepa*. *A. chitralicum*, (8), [16, 32], *Melanocrommyum*. *A. chodsha-bakirganicum*, (—), [—], *Melanocrommyum*. *A. christophii*, (8), [16], *Melanocrommyum*. *A. chrysantherum*, (8), [16], *Melanocrommyum*. *A. chrysanthum*, (8), [16], *Polyprason*. *A. chrysocephalum*, (8), [16], *Polyprason*. *A. chychkanense*, (—), [—], *Melanocrommyum*. *A. circassicum*, (—), [—], *Amerallium*. *A. circinatum*, (7), [14], *Amerallium*. *A. clathratum*, (8), [16, 32], *Reticulatobulbosa*. *A. columbianum*, (7), [14], *Amerallium*. *A. commutatum*, (8), [16, 24, 32], *Allium*. *A. condensatum*, (8), [16], *Cepa*. *A. cornutum*, (—), [—], *Cepa*. *A. coryi*, (7), [14], *Amerallium*. *A. costatovaginatum*, (—), [—], *Melanocrommyum*. *A. cratericola*, (7), [14, 28], *Amerallium*. *A. crenulatum*, (7), [14], *Amerallium*. *A. crispum*, (7), [14], *Amerallium*. *A. crystallinum*, (8), [16, 32], *Allium*. *A. cupuliferum* subsp. *cupuliferum*, (8), [16], *Melanocrommyum*. *A. cuthbertii*, (7), [14], *Amerallium*. *A. cyaneum*, (8), [16, 32], *Reticulatobulbosa*. *A. cyathophorum*, (8), [16], *Cyathophora*. *A. cyrilli*, (8), [16, 32, 40, 48], *Melanocrommyum*. *A. daghestanicum*, (—), [—], *Polyprason*. *A. darwasicum*, (8), [16], *Melanocrommyum*. *A. dasyphyllum*, (8), [16], *Melanocrommyum*. *A. decipiens*, (8, 10), [16, 20], *Melanocrommyum*. *A. denudatum*, (8), [16, 24, 32, 48], *Rhizirideum*. *A. dentigerum*, (—), [—], *Rhizirideum*. *A. derderianum*, (8), [16], *Melanocrommyum*. *A. diabolense*, (7), [14], *Amerallium*. *A. dichlamydeum*, (7), [14], *Amerallium*. *A. dictuon*, (7), [14], *Amerallium*. *A. dodecadontum*, (8), [16], *Melanocrommyum*. *A. douglasii*, (7), [14], *Amerallium*. *A. drepanophyllum*, (—), [—], *Reticulatobulbosa*. *A. drobovii*, (8), [16], *Reticulatobulbosa*. *A. drummondii*, (7), [14, 28], *Amerallium*. *A. eduardii*, (8), [32], *Rhizirideum*. *A. elburzense*, (—), [—], *Melanocrommyum*. *A. elegans*, (8), [16], *Allium*. *A. ellisii*, (—), [—], *Melanocrommyum*. *A. elmendorfii*, (7), [14], *Amerallium*. *A. erdelii*, (8), [16], *Amerallium*. *A. eremoprasum*, (—), [—], *Allium*. *A. ericetorum*, (8), [16], *Polyprason*. *A. eriocoleum*, (8), [32], *Reticulatobulbosa*. *A. eurotophilum*, (7), [14], *Amerallium*. *A. eusperma*, (—), [—], *Allium*. *A. falcifolium*, (7), [14], *Amerallium*. *A. farctum*, (—), [—], *Cepa*. *A. fasciculatum*, (10), [20], *Amerallium*. *A. fetisowii*, (8), [16], *Melanocrommyum*. *A. fibrillum*, (7), [14], *Amerallium*. *A. filidens*, (8), [16], *Allium*. *A. filidentiforme*, (—), [—], *Allium*. *A. fimbriatum*, (7), [14], *Amerallium*. *A. fistulosum*, (8), [16], *Cepa*. *A. flavescens*, (8), [16], *Rhizirideum*. *A. flavidum*, (8), [16], *Reticulatobulbosa*. *A. flavovirens*, (—), [—], *Cepa*. *A. flavum*, (8), [16, 32], *Allium*. *A. forrestii*, (8), [16], *Reticulatobulbosa*. *A. funckiifolium*, (8), [16], *Anguinum* (G.Don ex W.D.J.Koch) N.Friesen. *A. galanthum*, (8), [16], *Cepa*. *A. garganicum*, (—), [—], *Allium*. *A. geyeri*, (7), [14, 28], *Amerallium*. *A. giganteum*, (8), [16], *Melanocrommyum*. *A. gilgiticum*, (—), [—], *Butomissa* (Salisb.) N.Friesen. *A. glandulosum*, (7), [28], *Amerallium*. *A. glomeratum*, (8), [16], —. *A. goodingii*, (7), [14], *Amerallium*. *A. griffithianum*, (8), [16, 32], *Allium*. *A. guanxianense*, (11), [22], *Amerallium*. *A. gunibicum*, (8), [16], *Polyprason*. *A. gypsaceum*, (8), [16], *Melanocrommyum*. *A. haemanthoides*, (—), [—], *Melanocrommyum*. *A. haematochiton*, (7), [14], *Amerallium*. *A. hamedanense*, (—), [—], *Melanocrommyum*. *A. haneltii*, (—), [—], *Allium*. *A. heldreichii*, (8), [16], *Allium*. *A. helicophyllum*, (8), [16], *Melanocrommyum*. *A. hexaceras*, (—), [—], *Melanocrommyum*. *A. hickmanii*, (7), [14], *Amerallium*. *A. hirtovaginatum*, (7), [14], *Allium*. *A. hissaricum*, (8), [16], *Melanocrommyum*. *A. hoffmanii*, (7), [14], *Amerallium*. *A. hollandicum*, (8), [16], *Melanocrommyum*. *A. hookeri*, (11), [22, 33, 44], *Amerallium*. *A. hooshidaryae*, (—), [—], *Melanocrommyum*. *A. horvatii*, (8), [16], *Polyprason*. *A. howellii*, (7), [14], *Amerallium*. *A. humile*, (8), [16], *Amerallium*. *A. hyalinum*, (7), [14], *Amerallium*. *A. hymenorrhizum*, (8), [16], *Polyprason*. *A. inaequale*, (—), [—], *Polyprason*. *A. inconspicuum*, (8), [16, 32], *Reticulatobulbosa*. *A. insubricum*, (7), [14], *Amerallium*. *A. insufficiens*, (8), [16], *Melanocrommyum*. *A. intradarvazicum*, (8), [16], *Melanocrommyum*. *A. inutile*, (8), [16], *Caloscordum* (Herb.) R.M.Fritsch. *A. iranicum*, (8), [16, 32], *Allium*. *A. isakulii* subsp. *balkhanicum*, (—), [—], *Melanocrommyum*. *A. isakulii* subsp. *subkopetdagense*, (8), [16], *Melanocrommyum*. *A. ivasczenkoae*, (—), [—], —. *A. jepsonii*, (7), [14], *Amerallium*. *A. jesdianum* subsp. *jesdianum*, (8), [16], *Melanocrommyum*. *A. jodanthum*, (—), [—], *Reticulatobulbosa*. *A. karataviense*, (9), [18], *Melanocrommyum*. *A. karelinii*, (8), [32], *Cepa*. *A. kaschianum*, (—), [—], *Polyprason*. *A. kasteki*, (—), [—], —. *A. keusgenii*, (—), [—], *Melanocrommyum*. *A. kingdonii*, (—), [—], *Cyathophora*. *A. koelzii*, (8), [16], *Melanocrommyum*. *A. kokanicum*, (8), [16], *Polyprason*. *A. komarowii*, (8), [16], *Melanocrommyum*. *A. kopetdagense*, (8), [16], *Allium*. *A. koreanum*, (8), [16], *Reticulatobulbosa*. *A. kuhsorkhense*, (—), [—], *Melanocrommyum*. *A. kujukense*, (9, 10), [18, 20], *Vvedenskya* Kamelin. *A. kunthianum*, (8), [16], *Allium*. *A. kuramense*, (8), [16], *Reticulatobulbosa*. *A. kurssanovii*, (8), [16], *Polyprason*. *A. lacunosum*, (7), [14], *Amerallium*. *A. ledebourianum*, (8), [16], *Cepa*. *A. lehmannii*, (8), [16], *Allium*. *A. lemmonii*, (7), [14], *Amerallium*. *A. leucanthum*, (8), [16, 32], *Allium*. *A. leucocephalum*, (8), [16, 32], *Reticulatobulbosa*. *A. lineare*, (8), [16, 32], *Reticulatobulbosa*. *A. linearifolium*, (8), [16], *Cepa*. *A. lipskyanum*, (8), [16], *Melanocrommyum*. *A. listera*, (8), [16], *Anguinum*. *A. litvinovii*, (8), [16], *Allium*. *A. longisepalum*, (—), [—], *Amerallium*. *A. longistylum*, (8), [16], *Cepa*. *A. lusitanicum*, (8), [16, 32], *Rhizirideum*. *A. macleanii*, (8), [16], *Melanocrommyum*. *A. macranthum*, (7), [14, 28], *Amerallium*. *A. macropetalum*, (7), [14], *Amerallium*. *A. macrostemon*, (8), [16, 24, 32, 40, 48], *Allium*. *A. macrum*, (7), [14], *Amerallium*. *A. madidum*, (7), [28, 42], *Amerallium*. *A. mairei*, (8), [16, 32], *Cyathophora*. *A. majus*, (—), [—], *Melanocrommyum*. *A. malyschevii*, (8), [16], *Reticulatobulbosa*. *A. maowenense*, (8), [16], *Polyprason*. *A. margaritae*, (8), [16], *Allium*. *A. marschallianum*, (8), [16], *Polyprason*. *A. massaessylum*, (7), [14], *Amerallium*. *A. materculae*, (8), [16], *Melanocrommyum*. *A. maximowiczii*, (8), [16], *Cepa*. *A. melanantherum*, (8), [16, 24, 32], *Allium*. *A. membranaceum*, (7), [14], *Amerallium*. *A. microdictyon*, (8), [16], *Anguinum*. *A. minus*, (8), [16], *Rhizirideum*. *A. minutiflorum*, (—), [—], *Melanocrommyum*. *A. moderense*, (—), [—], *Melanocrommyum*. *A. moly*, (7), [14], *Amerallium*. *A. monanthum*, (8), [16, 32], *Microscordum* (Maxim.) N.Friesen. *A. mongolicum*, (8), [16], *Rhizirideum*. *A. montibaicalense*, (8), [16], *Reticulatobulbosa*. *A. monticola*, (7), [14], *Amerallium*. *A. moschatum*, (8), [16], *Polyprason*. *A. munzii*, (7), [14], *Amerallium*. *A. nanodes*, (8), [16], *Anguinum*. *A. narcissiflorum*, (7), [14], *Amerallium*. *A. neapolitanum*, (7), [14, 21, 28, 35, 42], *Amerallium*. *A. negevense*, (10), [20], *Amerallium*. *A. neriniflorum*, (8), [16], *Caloscordum*. *A. nevadense*, (7), [14, 28], *Amerallium*. *A. nevii*, (7), [14], *Amerallium*. *A. nevskianum*, (8), [16], *Melanocrommyum*. *A. nigrum*, (8), [16, 32], *Melanocrommyum*. *A. noeanum*, (—), [—], *Melanocrommyum*. *A. nutans*, (8), [16, 17, 24, 28, 32, 44, 48, 56, 64, 72], *Rhizirideum*. *A. obliquum*, (8), [16, 32], *Polyprason*. *A. obtusiflorum*, (8), [16], *Polyprason*. *A. obtusum*, (7), [14], *Amerallium*. *A. ochotense*, (8), [32], *Anguinum*. *A. oleraceum*, (8), [24, 32, 40, 44, 48], *Allium*. *A. oliganthum*, (8), [16], *Cepa*. *A. omeiense*, (11), [22], *Amerallium*. *A. oreophilum*, (8), [16], *Porphyroprason* (Ekberg) R.M.Fritsch. *A. oreoprasoides*, (8), [16, 32], *Reticulatobulbosa*. *A. oreoprasum*, (8), [16, 48], *Butomissa*. *A. oreoscordum*, (—), [—], *Reticulatobulbosa*. *A. orientale*, (8), [16, 24, 32], *Melanocrommyum*. *A. oschaninii*, (8), [16], *Cepa*. *A. ovalifolium*, (8), [16, 24], *Anguinum*. *A. pallasii*, (8), [16], *Allium*. *A. pallens*, (8), [16, 32], *Allium*. *A. pamiricum*, (—), [—], *Polyprason*. *A. paniculatum*, (8), [16, 24, 32, 40], *Allium*. *A. papillare*, (7), [14], *Amerallium*. *A. paradoxum*, (8), [16], *Amerallium*. *A. parciflorum*, (8), [16], *Allium*. *A. parishii*, (7), [14], *Amerallium*. *A. parryi*, (7), [14], *Amerallium*. *A. parvulum*, (—), [—], *Allium*. *A. parvum*, (7), [14], *Amerallium*. *A. passeyi*, (—), [—], *Amerallium*. *A. pendulinum*, (7), [14], *Amerallium*. *A. peninsulare*, (7), [14], *Amerallium*. *A. pentadactyli*, (8), [16], *Allium*. *A. perdulce*, (7), [14, 28], *Amerallium*. *A. petraeum*, (8), [16], *Polyprason*. *A. phthioticum*, (8), [16, 24], *Amerallium*. *A. platycaule*, (7), [14], *Amerallium*. *A. platyspathum*, (8), [16], *Polyprason*. *A. plummerae*, (7), [28], *Amerallium*. *A. plurifoliatum* var. *plurifoliatum*, (8), [16, 32], *Reticulatobulbosa*. *A. polyanthum*, (8, 10), [20, 32], *Allium*. *A. polyrhizum*, (8), [32], *Rhizirideum*. *A. praecox*, (7), [14], *Amerallium*. *A. praemixtum*, (—), [—], *Cepa*. *A. prattii*, (8), [16, 32], *Anguinum*. *A. prostratum*, (8), [16], *Rhizirideum*. *A. protensum*, (8), [16, 32], *Melanocrommyum*. *A. przewalskianum*, (8), [32], *Rhizirideum*. *A. psebaicum*, (—), [—], *Polyprason*. *A. pseudoampeloprasum*, (8), [16, 32], *Allium*. *A. pseudobodeanum*, (—), [—], *Melanocrommyum*. *A. pseudojaponicum*, (8), [32], *Cepa*. *A. pseudosenescens*, (—), [—], *Rhizirideum*. *A. pseudowinklerianum*, (—), [—], *Melanocrommyum*. *A. pskemense*, (8), [16], *Cepa*. *A. punctum*, (7), [14], *Amerallium*. *A. pyrenaicum*, (8), [16, 32], *Allium*. *A. qasyunense*, (7), [14], *Amerallium*. *A. ramosum*, (8), [16, 32], *Butomissa*. *A. regelii*, (8), [16], *Melanocrommyum*. *A. robinsonii*, (7), [14], *Amerallium*. *A. robustum*, (8), [16], *Melanocrommyum*. *A. rosenorum*, (8), [16], *Melanocrommyum*. *A. roseum*, (7, 8), [16, 24, 28, 32, 40, 48], *Amerallium*. *A. rothii*, (8), [16], *Melanocrommyum*. *A. roylei*, (8), [16], *Polyprason*. *A. rubens*, (8), [16, 24], *Rhizirideum*. *A. rude*, (—), [—], *Polyprason*. *A. runyonii*, (7), [14], *Amerallium*. *A. rupestre*, (7, 8), [16, 21, 24, 28], *Allium*. *A. rupestristepposum*, (—), [—], *Reticulatobulbosa*. *A. sabulosum*, (8), [16], *Allium*. *A. sacculiferum*, (8), [16], *Cepa*. *A. sanbornii*, (7), [14], *Amerallium*. *A. saposhnikovii*, (8), [16], *Melanocrommyum*. *A. saralicum*, (—), [—], *Melanocrommyum*. *A. sarawschanicum*, (8), [16], *Melanocrommyum*. *A. sativum*, (7, 8), [11, 14, 16, 21, 22, 28, 31, 32, 35, 48], *Allium*. *A. savii*, (8), [32], *Allium*. *A. saxatile*, (8), [16, 32], *Cepa*. *A. scabriscapum*, (8), [16], *Reticulatobulbosa*. *A. schachimardanicum*, (—), [—], *Melanocrommyum*. *A. schmitzii*, (8), [16, 32], *Cepa*. *A. schoenoprasoides*, (8), [16], *Allium*. *A. schoenoprasum*, (8), [16, 24, 32], *Cepa*. *A. schubertii*, (8), [16], *Melanocrommyum*. *A. schugnanicum*, (8), [16], *Melanocrommyum*. *A. scilloides*, (7), [14], *Amerallium*. *A. scorodoprasum*, (8), [16, 24, 32], *Allium*. *A. scorzonerifolium*, (7), [14, 21], *Amerallium*. *A. scotostemon*, (8), [16], *Melanocrommyum*. *A. semenovi*, (—), [—], *Cepa*. *A. senescens*, (8), [16, 32, 40, 48], *Rhizirideum*. *A. sergii*, (8), [16], *Melanocrommyum*. *A. serra*, (7), [14], *Amerallium*. *A. setifolium*, (8), [16], *Polyprason*. *A. severtzovioides*, (—), [—], *Melanocrommyum*. *A. sewerzowii*, (8), [16], *Melanocrommyum*. *A. sharsmithiae*, (7), [14], *Amerallium*. *A. shelkovnikovii*, (—), [—], *Melanocrommyum*. *A. shevockii*, (7), [14], *Amerallium*. *A. siculum*, (8, 9), [16, 18], *Nectaroscordum* (Lindl.) Traub. *A. sikkimense*, (8), [32, 48], *Reticulatobulbosa*. *A. simillimum*, (7), [14], *Amerallium*. *A. siskiyouense*, (7), [14], *Amerallium*. *A. sordidiflorum*, (—), [—], *Reticulatobulbosa*. *A. speculae*, (7), [14], *Amerallium*. *A. sphaerocephalon*, (8), [16, 24, 32], *Allium*. *A. spicatum*, (8, 10), [16, 20], *Cyathophora*. *A. spirale*, (8), [16, 32], *Rhizirideum*. *A. splendens*, (8), [16, 32, 40], *Reticulatobulbosa*. *A. spurium*, (8), [32], *Rhizirideum*. *A. stellatum*, (7), [14], *Amerallium*. *A. stellerianum*, (8), [16, 32], *Rhizirideum*. *A. stipitatum*, (8), [16], *Melanocrommyum*. *A. strictum*, (8), [16, 32, 40, 48], *Reticulatobulbosa*. *A. suaveolens*, (8), [16], *Polyprason*. *A. subangulatum*, (—), [—], *Rhizirideum*. *A. subhirsutum*, (7, 8), [14, 28, 32], *Amerallium*. *A. subtilissimum*, (8), [16], *Polyprason*. *A. subvillosum*, (7), [21, 28], *Amerallium*. *A. sulphureum*, (—), [—], *Reticulatobulbosa*. *A. suworowii*, (8), [16], *Melanocrommyum*. *A. taeniopetalum*, (8), [16], *Melanocrommyum*. *A. talassicum*, (8), [16], *Polyprason*. *A. tanguticum*, (8), [32, 48], *Allium*. *A. taquetii*, (8), [16], *Cepa*. *A. tardans*, (8), [16], *Allium*. *A. tashkenticum*, (8), [16], *Melanocrommyum*. *A. telmatum*, (—), [—], *Allium*. *A. tenuicaule*, (—), [—], *Reticulatobulbosa*. *A. tenuiflorum*, (8), [16, 24, 40], *Allium*. *A. tenuissimum*, (8), [16], *Rhizirideum*. *A. teretifolium*, (—), [—], *Reticulatobulbosa*. *A. textile*, (7), [14, 28], *Amerallium*. *A. thunbergii*, (8), [16, 32], *Cepa*. *A. tianschanicum*, (8), [16], *Polyprason*. *A. togashii*, (8), [16], *Reticulatobulbosa*. *A. tolmiei*, (7), [14], *Amerallium*. *A. trachyscordum*, (8), [16], *Reticulatobulbosa*. *A. trautvetterianum*, (8), [16], *Melanocrommyum*. *A. tribracteatum*, (7), [14], *Amerallium*. *A. tricoccum*, (8), [16], *Anguinum*. *A. trifurcatum*, (8), [16], *Cyathophora*. *A. tripedale*, (9), [18], *Nectaroscordum*. *A. triquetrum*, (9), [18, 27], *Amerallium*. *A. truncatum*, (8), [16, 24, 32], *Allium*. *A. tuberosum*, (8), [16, 24, 32], *Butomissa*. *A. tubiflorum*, (8), [16, 32], *Caloscordum*. *A. tulipifolium*, (8), [16], *Melanocrommyum*. *A. tuncelianum*, (8), [16], *Allium*. *A. tuolumnense*, (7), [14], *Amerallium*. *A. turkestanicum*, (8), [16], *Allium*. *A. tuvinicum*, (8), [16, 32], *Rhizirideum*. *A. tytthocephalum*, (8), [32], *Rhizirideum*. *A. ubipetrense*, (—), [—], *Melanocrommyum*. *A. ubsicola*, (—), [—], *Reticulatobulbosa*. *A. umbilicatum*, (8), [16, 24], *Allium*. *A. unifolium*, (7), [14], *Amerallium*. *A. ursinum*, (7, 8), [14, 16], *Amerallium*. *A. validum*, (7), [28, 56], *Amerallium*. *A. vallivanchense*, (—), [—], *Polyprason*. *A. vavilovii*, (8), [16], *Cepa*. *A. verticillatum*, (8), [16], *Melanocrommyum*. *A. victorialis*, (8), [16, 24, 32, 36], *Anguinum*. *A. vineale*, (8), [32, 40, 48], *Allium*. *A. viridiflorum*, (8), [16], *Melanocrommyum*. *A. viridulum*, (8), [16], *Melanocrommyum*. *A. vodopjanovae*, (8), [16], *Rhizirideum*. *A. vvedenskyanum*, (8), [16], *Melanocrommyum*. *A. wallichii*, (7, 8), [14, 16, 28, 32, 48], *Amerallium*. *A. weschniakowii*, (—), [—], *Cepa*. *A. winklerianum*, (8), [16], *Melanocrommyum*. *A. x cepiforme*, (8), [16], *Cepa*. *A. xiangchengense*, (11), [22], *Amerallium*. *A. xichuanense*, (—), [—], *Polyprason*. *A. xiphopetalum*, (—), [—], *Reticulatobulbosa*. *A. yosemitense*, (7), [14], *Amerallium*. *A. yuanum*, (—), [—], *Reticulatobulbosa*. *A. zagricum*, (—), [—], *Melanocrommyum*. *A. zebdanense*, (9), [18], *Amerallium*. *A. zergericum*, (8), [16], *Melanocrommyum*.