FIG. S1. Chromosome-number reconstruction for the Colchicaceae inferred with outgroups on the chronogram [A], the ultrametric tree [B], and the phylogram [C]. Numbers at the tips are the haploid chromosome numbers of species. Pie charts at nodes and tips represent the probabilities of the inferred haploid chromosome numbers; the color-coding of the chromosome numbers is explained in the inset. Numbers inside the pie charts are the chromosome numbers with the highest probability. Numbers above branches represent the expected number of the four possible events (gains, losses, duplications, and demi-duplications) inferred with an expectation >0.5. The color-coding of events, the sum of the single events and the total number of events are explained in the insets.

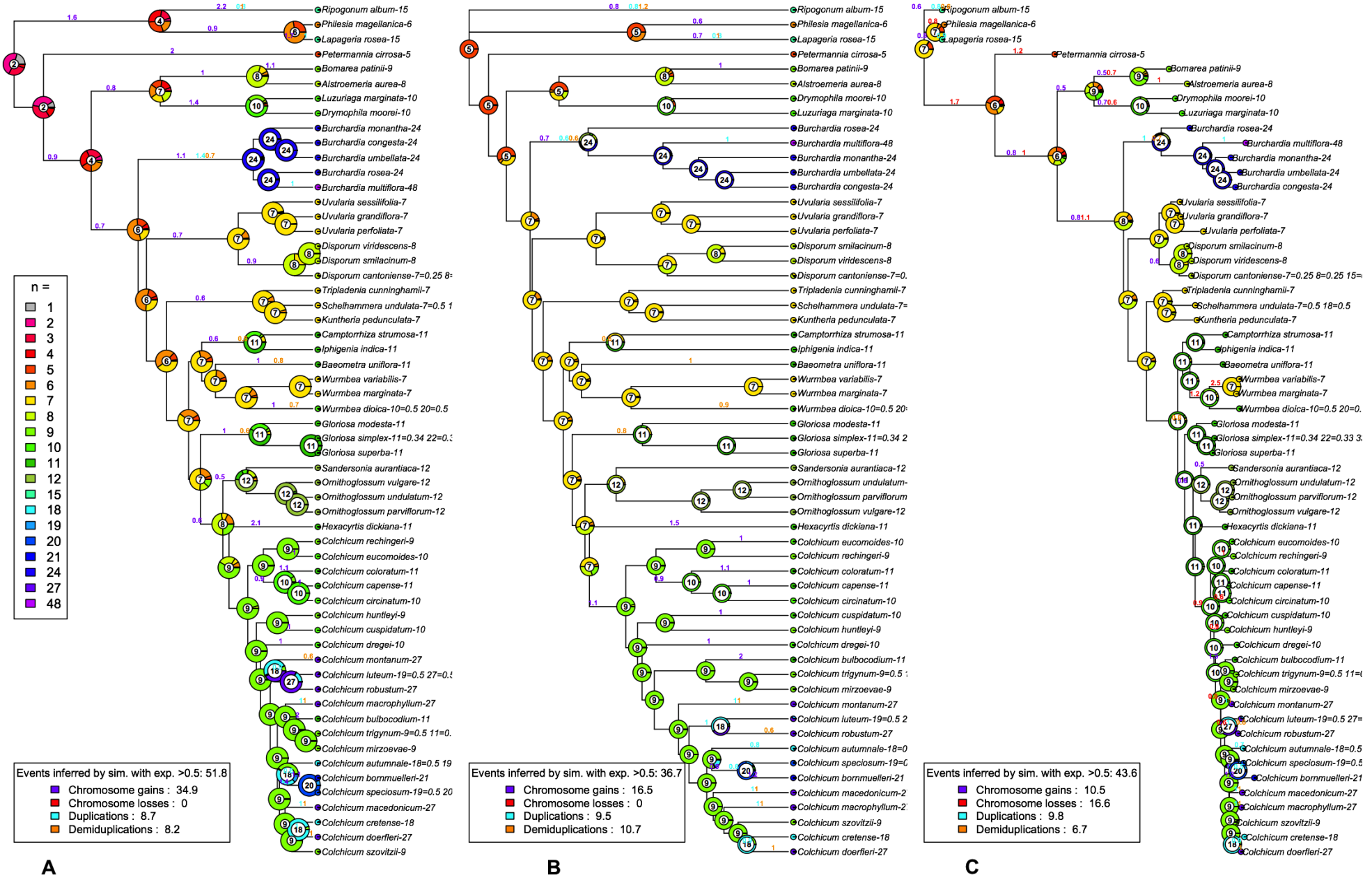

FIG. S2. Chromosome-number reconstruction in *Colchicum* inferred on the chronogram obtained in BEAST. In these analyses the root node number has been fixed to $a = 11$. Numbers at the tips are the haploid chromosome numbers of species. Pie charts at nodes and tips represent the probabilities of the inferred haploid chromosome numbers; the color-coding of the chromosome numbers is explained in the inset. Numbers inside the pie charts are the chromosome numbers with the highest probability. Numbers above branches represent the expected number of the four possible events, i.e. gains, losses, duplications, and demi-duplications occurring along that branch inferred with an expectation >0.5. The color-coding of events, the sum of the single events, and the total number of events are explained in the insets.

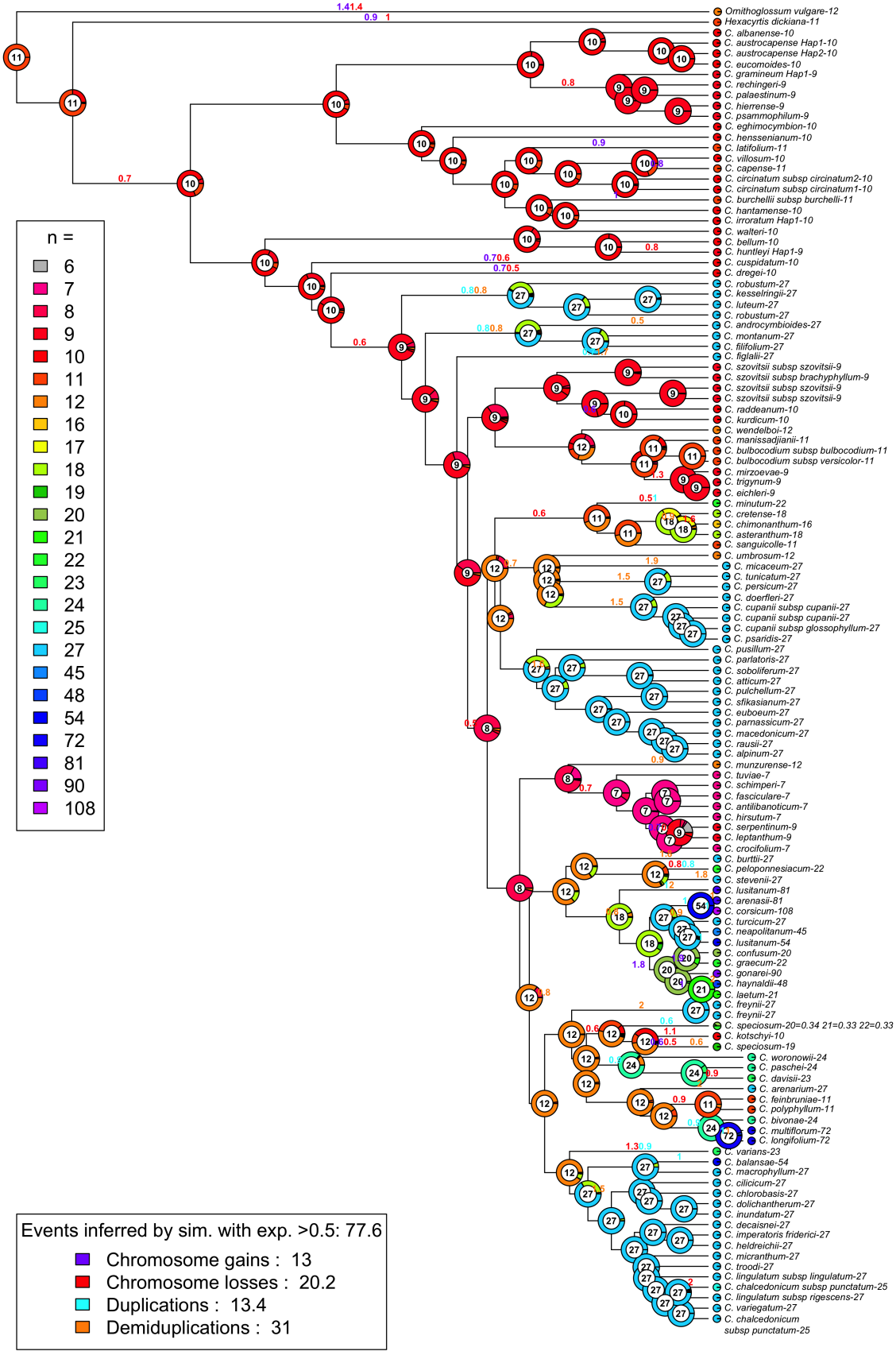

FIG. S3. Chromosome-number reconstruction in *Colchicum* inferred on the ultrametric tree obtained from the phylogram using Sanderson' penalized likelihood approach. Numbers at the tips are the haploid chromosome numbers of species. Pie charts at nodes and tips represent the probabilities of the inferred haploid chromosome numbers; the color-coding of the chromosome numbers is explained in the inset. Numbers inside the pie charts are the chromosome numbers with the highest probability. Numbers above branches represent the expected number of the four possible events, i.e. gains, losses, duplications, and demi-duplications occurring along that branch inferred with an expectation >0.5. The color-coding of events, the sum of the single events, and the total number of events are explained in the insets.

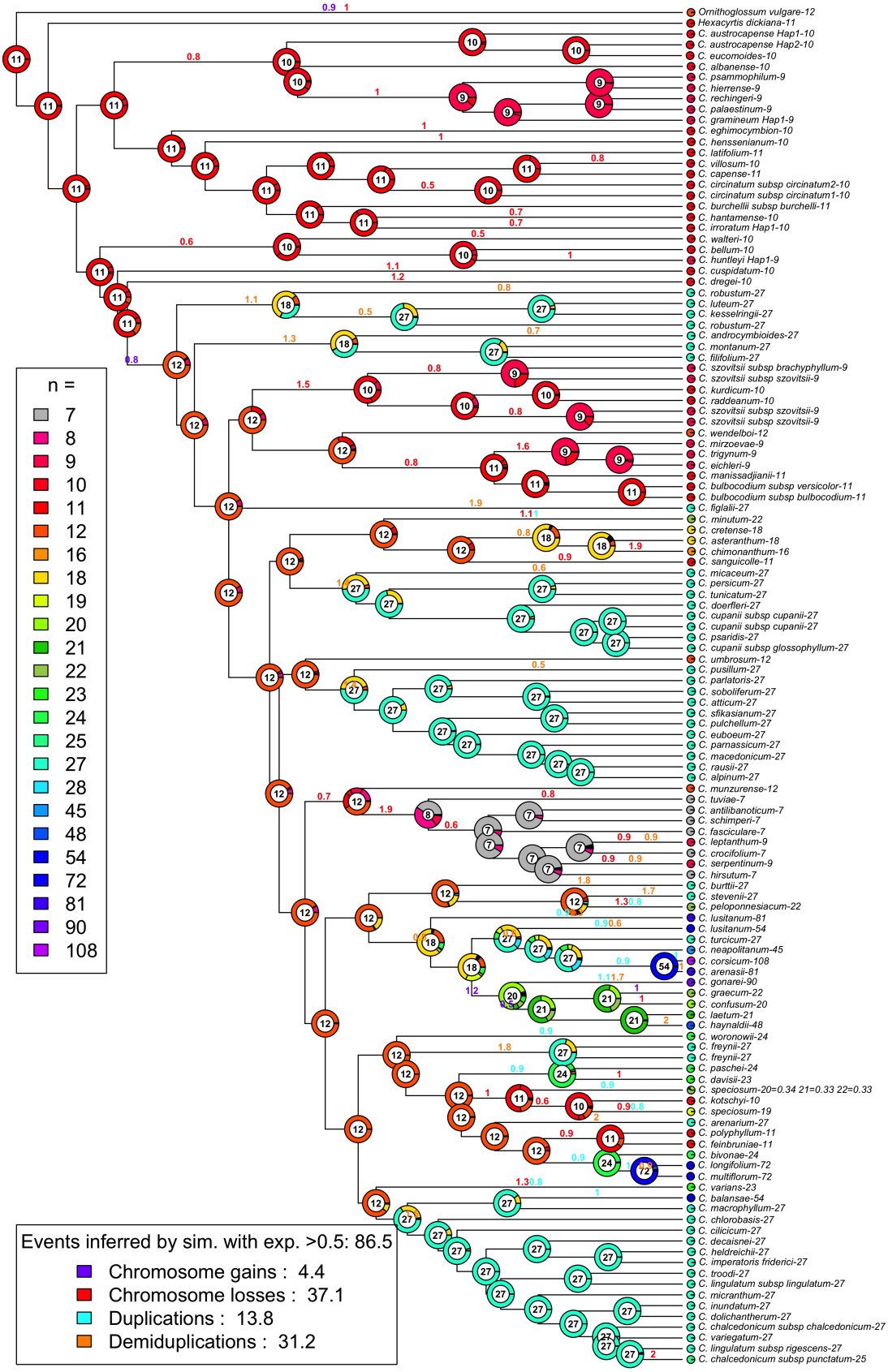

FIG. S4. Chromosome-number reconstruction in *Colchicum* inferred on the phylogram. In these analyses the root node number has been fixed to $a = 11$. Numbers at the tips are the haploid chromosome numbers of species. The haploid chromosome numbers for those clades are also shown. Pie charts at nodes and tips represent the probabilities of the inferred haploid chromosome numbers; the color-coding of the chromosome numbers is explained in the inset. Numbers inside the pie charts are the chromosome numbers with the highest probability.

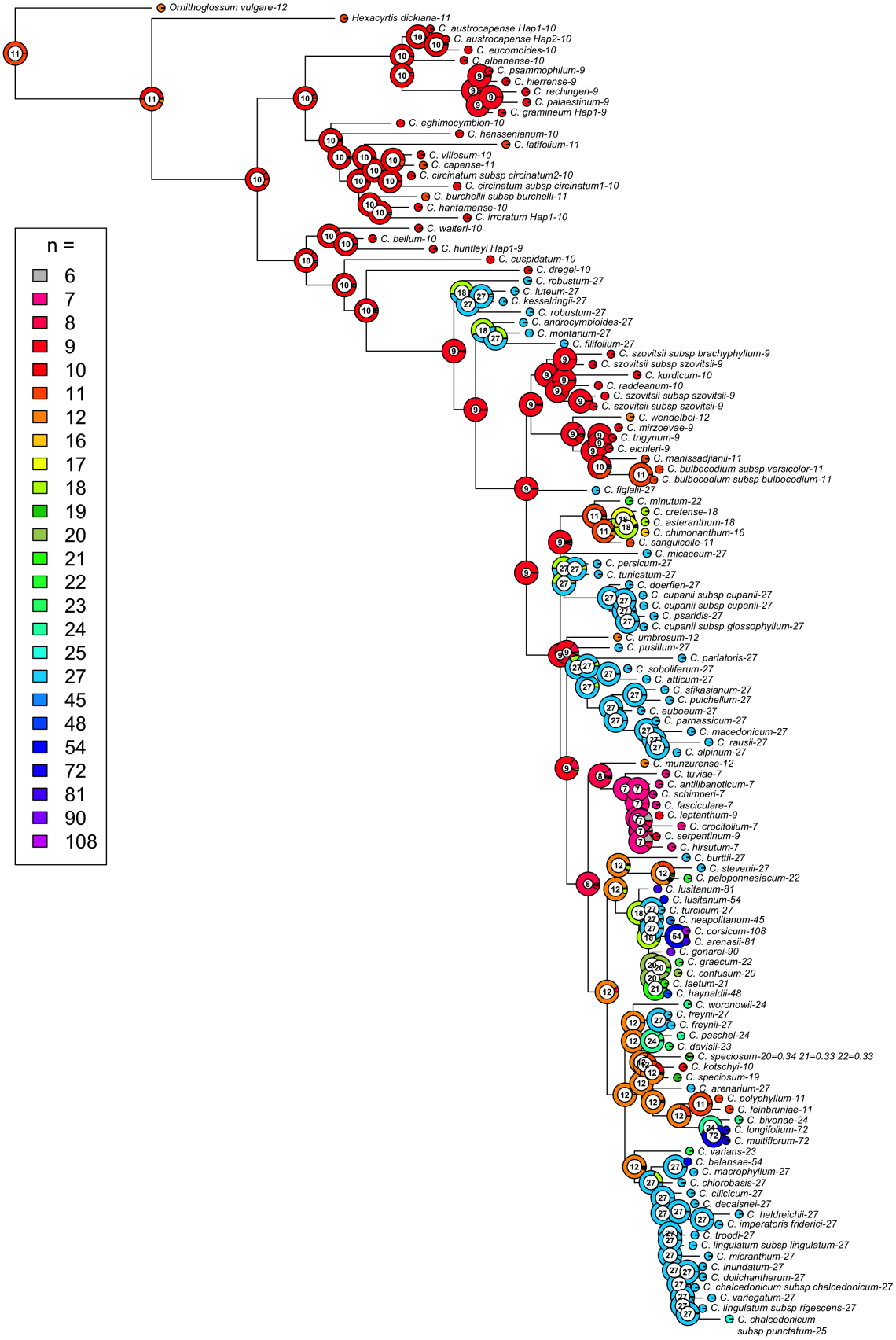

FIG. S5. Events inferred on the ultrametric tree of *Colchicum*. In this analysis the root node number has been fixed to $a = 11$. Numbers at the tips are the haploid chromosome numbers of species. Numbers above branches represent the expected number of the four possible events, i.e. gains, losses, duplications, and demi-duplications occuring along that branch inferred with an expectation >0.5. The color-coding of events is explained in the insets, the sum of the single events and the total number of events are also indicated there.

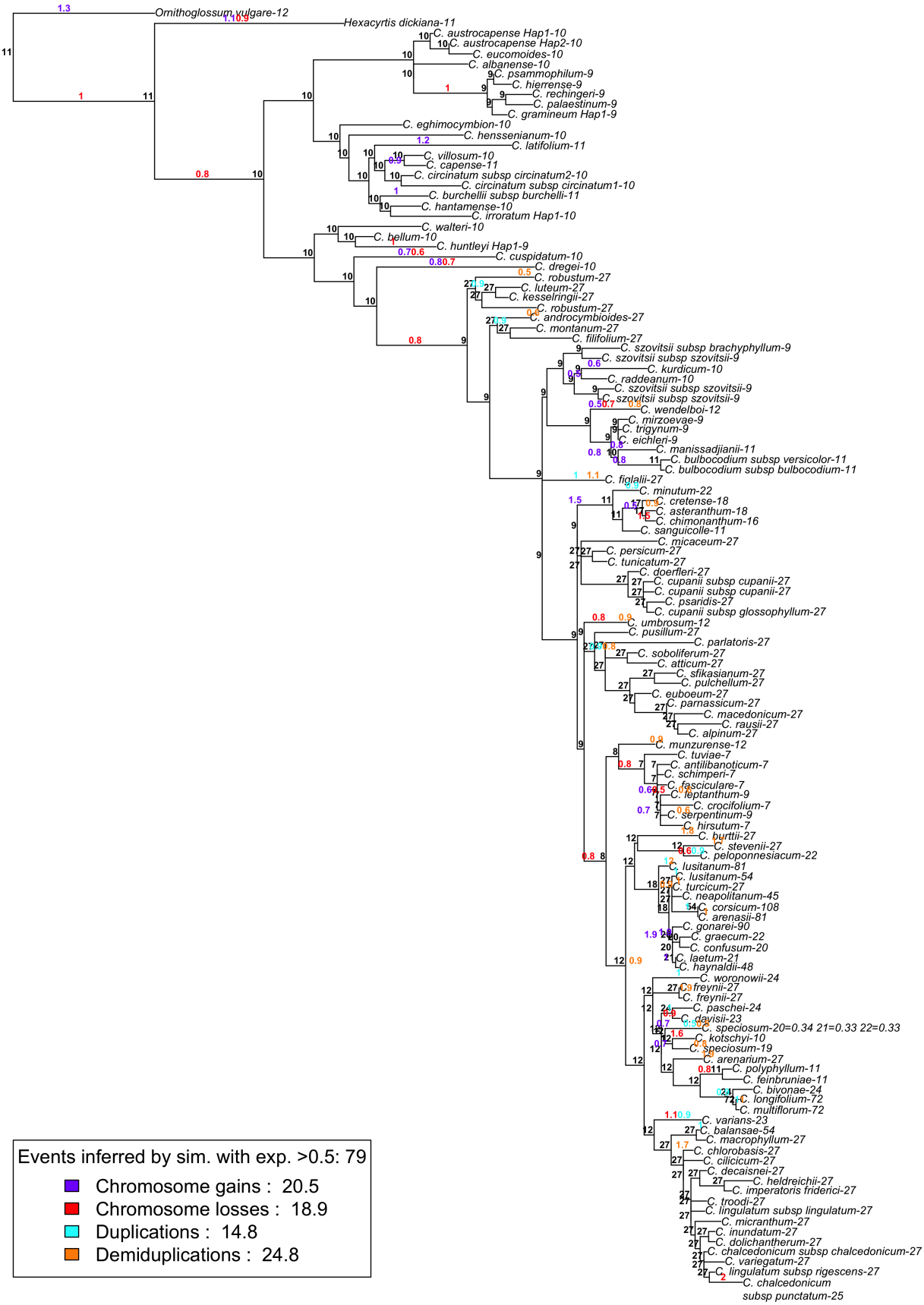

TABLE S1**.** Chromosome numbers available for the Colchicaceae and the outgroup species. See the literature cited below the table. The *Androcymbium* species names cited in the corresponding reference is writen in parenthesis.

Species	***n***	**2n**	**References**
COLCHICACEAE			
Baeometra uniflora (Jacq.) G.J.Lewis		22	Nordenstam 1998
Burchardia congesta Lindl.	24		Keighery 2005
Burchardia monantha Domin	24		Keighery 1984
Burchardia multiflora Lindl.	48		Keighery 1984
Burchardia sp.	24		Keighery 1984
Burchardia umbellata R. Br.	24		Keighery 2005
Camptorrhiza strumosa (Baker) Oberm.		22	Nordenstam 1998
Colchicum alpinum DC.		54, ca 120*	Feinbrun 1958; Cecchi and Fiorini 2002; Camarada 1979*
Colchicum arenarium Waldst. & Kit.		38	Feinbrun 1958
Colchicum asteranthum Vassil. & K. Perss.		36	Vassiliades and Persson 2002
Colchicum atticum Spruner ex. Tomm.		54	Phitos et al. 1989
Colchicum austrocapense (U.Müll.-Doblies & D.Müll.-Doblies) J.C.Manning & Vinn. (*Androcymbium austrocapense* U.Müll.-Doblies & D.Müll.-Doblies)		20	Montserrat Martí et al. 2002
Colchicum autumnale L.		36, 38*	Feinbrun 1958*; Sveshnikova and Krichfalushij 1985; Krichphalushi 1989; Dobea and Hahn 1997; Persson 1999
Colchicum autumnale subsp. *autumnal*e L.		38	Murin and Majovsky 1979
Colchicum autumnale subsp. *pannonicum* (Griseb. & Schenk.) Nyman		38	Murin and Majovsky 1987
Colchicum balansae Planch.		108	Persson 1999
Colchicum baytopiorum C.D. Brickell		46	Conran 1985
Colchicum bellum (Schltr. & K.Krause) J.C.Manning & Vinn. (*Androcymbium bellum* Schltr. & K.Krause)		20	Montserrat Martí et al. 2002
Colchicum bivonae Guss.		32, 36*,	Feinbrun 1958*; Papanicolaou 1984;

		52*, 54*	Sik and Küçüker 1998; Persson 1998; Peruzzi and Cesca 2002
Colchicum boissieri Orph.		36	Sik and Küçüker 1998
Colchicum bulbocodium Ker Gawl.		22	Wetschnig 1992
Colchicum capense (L.) J.C.Manning & Vinn. (*Androcymbium capense* (L.) K.Krause)		22	Montserrat Martí et al. 2002
Colchicum cf. *stevenii* Kunth		14, 38	Garbari and Crisman 1988
Colchicum chalcedonicum Azn.		50	Küçüker 1984
Colchicum chalcedonicum subsp. *chalcedonicum* K. Perss.		54	Persson 1998
Colchicum chalcedonicum subsp. *punctatum* K. Perss.		50	Persson 1998
Colchicum chimonanthum K. Perss.		32	Persson 1999
Colchicum chlorobasis K. Perss.		54	Persson 2005
Colchicum cilicicum (Boiss.) Dammer		54	Persson 1999
Colchicum circinatum (Baker) J.C.Manning & Vinn. (*Androcymbium circinatum* Baker)		20	Montserrat Martí et al. 2002
Colchicum clanwilliamense (Pedrola, Membrives & J.M.Monts.) J.C.Manning & Vinn. (*Androcymbium albanense* subsp. *clanwilliamense* Pedrola, Membrives & G. Monts.)		20	Montserrat Martí et al. 2002
Colchicum coloratum J.C.Manning & Vinn. (*Androcymbium latifolium* Schinz)		22	Montserrat Martí et al. 2002
Colchicum coloratum J.C.Manning & Vinn. subsp. *burchellii* (Baker) J.C.Manning & Vinn. (*Androcymbium burchellii* Baker)		22	Montserrat Martí et al. 2002
Colchicum confusum K. Perss.		40	Persson 1999
Colchicum corsicum Baker		ca 216	Persson 1993
Colchicum cretense Greuter		36	Persson et al. 2011
Colchicum cupanii Guss.		54	Feinbrun 1958; Camarada 1979; Arrigoni and Mori 1980; Colombo et al. 1982
Colchicum cupanii var. *latifolium* Guss.		54	Bartolo et al. 1981
Colchicum cuspidatum (Baker)		20	Montserrat Martí et

J.C.Manning & Vinn. (*Androcymbium cuspidatum* Baker)			al. 2002
Colchicum davisii C.D. Brickell		46	Persson 1999
Colchicum decaisnei Boiss.		54	Feinbrun 1958; Persson 1999
Colchicum doerfleri Halácsy		54	Persson et al. 2011
Colchicum dolichantherum K. Perss.		54	Persson 1999
Colchicum dregei (C.Presl.) J.C.Manning & Vinn. (*Androcymbium dregei* C.Presl.)		20	Montserrat Martí et al. 2002
Colchicum eghimocymbion (U.Müll.-Doblies & D.Müll.-Doblies) J.C.Manning & Vinn. (*Androcymbium eghimocymbion* U.Müll.-Doblies & D.Müll.-Doblies)		20	Montserrat Martí et al. 2002
Colchicum eichleri (Regel) K. Perss.		18	Bokeriya 1988
Colchicum euboeum (Boiss.) K. Perss.		54	Persson 1998
Colchicum eucomoides (Jacq.) J.C.Manning & Vinn. (*Androcymbium eucomoides* (Jacq.) Willd.)		20	Margeli et al. 1999
Colchicum feinbruniae K. Perss.		22	Persson 1992
Colchicum gonarei Camarada		182	Camarada 1979
Colchicum graecum K. Perss.		42-44	Persson 1988
Colchicum gramineum (Cav.) J.C.Manning & Vinn. (*Androcymbium gramineum* (Cav.) J.F.Macbr.)		18	Margeli et al. 1995, 1999
Colchicum hantamense (Engl.) J.C.Manning & Vinn. (*Androcymbium hantamense* Engl.)		20	Montserrat Martí et al. 2002
Colchicum haynaldii Heuff.		96	Persson 1999
Colchicum heldreichii K. Perss.		54	Persson 1999
Colchicum henssenianum (U.Müll.-Doblies & D.Müll.-Doblies) J.C.Manning & Vinn. (*Androcymbium henssenianum* U.Müll.-Doblies & D.Müll.-Doblies)		20	Montserrat Martí et al. 2002
Colchicum hiemale Freyn		54	Feinbrun 1958
Colchicum hierosolymitanum Feinbr.		18	Feinbrun 1958
Colchicum hierrense (A.Santos) J.C.Manning & Vinn. (*Androcymbium hierrense* A.Santos)		18	Margeli et al. 1995, 1999; Pedrola-Monfort and Caujapé-Castells

			1998
Colchicum huntleyi (Pedrola, Membrives, J.M.Monts. & Caujape) J.C.Manning & Vinn. (*Androcymbium huntleyi* Pedrola, Membrives, J.M.Monts. & Caujapé)		18	Montserrat Martí et al. 2002
Colchicum imperatoris-friderici Siehe ex K. Perss.		54	Persson 1999
Colchicum inundatum K. Perss.		54	Persson 1999
Colchicum irroratum (Schltr. & K.Krause) J.C.Manning & Vinn. (*Androcymbium irroratum* Schltr. & K.Krause)		20	Montserrat Martí et al. 2002
Colchicum kotschyi Boiss.		20	Persson 1999
Colchicum laetum Steven		42	Magulaev 1992
Colchicum leptanthum K. Perss.		18	Persson 2001
Colchicum lingulatum Boiss. & Spruner		48	Conran 1985
Colchicum lingulatum Boiss. & Spruner subsp. *lingulatum*		54	Persson 1998
Colchicum lingulatum subsp. *rigescens* K. Perss.		54	Persson 1998
Colchicum liparochiadys Woronow		42, 48	Bokeriya 1988
Colchicum lusitanicum Brot.		90/92†, 94/96† 106, ca 110*	Camarada 1979*; Baldini 1997; Fridlender et al. 2002†
Colchicum lusitanum Brot.		102, 106	Feinbrun 1958
Colchicum luteum Baker		38, 54*	Feinbrun 1958; Persson et al. 2011*
Colchicum macedonicum Kosanin		54	Persson et al. 2011
Colchicum macrophyllum B.L. Burtt		54	Persson 1999
Colchicum micaceum K. Perss.		54	Persson 1999
Colchicum micranthum Boiss.		54	Küçüker 1984
Colchicum minutum K. Perss.		44	Persson 1999
Colchicum mirzoevae (Gabr.) K. Perss.		18	Pogosian 1997
Colchicum montanum L.		54	Persson et al. 2011
Colchicum munzurense K. Perss.		24	Persson 1999
Colchicum neapolitanum Ten.		38, 140, 146*	Feinbrun 1958; Camarada 1979*
Colchicum palaestinum (Baker) Boulos (*Androcymbium palaestinum* Baker)		18	Margeli et al. 1995, 1999

Colchicum parnassicum Sart., Orph. & Heldr.		54	Persson 1988
Colchicum paschei K. Perss.		48	Persson 1999
Colchicum poeltianum (U.Müll.-Doblies & D.Müll.-Doblies) J.C.Manning & Vinn. (*Androcymbium poeltianum* U.Müll.-Doblies & D.Müll.-Doblies)		18+1-2B	Montserrat Martí et al. 2002
Colchicum psammophilum (Svent.) J.C.Manning & Vinn. (*Androcymbium psammophilum* Svent.)		18	Margeli et al. 1995, 1999; Pedrola-Monfort and Caujapé-Castells 1998
Colchicum pulchellum K. Perss.		54	Persson 1988
Colchicum pusillum Sieber		27, 54, 58	Kamari and Matthas 1986
Colchicum rausii K. Perss.		54	Persson 1999
Colchicum rechingeri (Greuter) J.C.Manning & Vinn. (*Androcymbium rechingeri* Greuter)		18+0-2B	Margeli et al. 1995, 1999
Colchicum ritchii R. Br.		14	Feinbrun 1958
Colchicum robustum (Bunge) Stef.		54	Persson et al. 2011
Colchicum sanguicolle K. Perss.		22	Persson 1999
Colchicum schimperi Janka ex Stef		14	Feinbrun 1958
Colchicum sfikasianum Kit Tan & Iatroú		54	Persson 1998
Colchicum speciosum Steven		38, 40, 42	Feinbrun 1958, Bokeriya 1988; Persson 1999
Colchicum stevenii Kunth		54	Feinbrun 1958
Colchicum szovitsii Fisch. & C.A. Mey.		18	Bokeriya 1988
Colchicum trigynum (Steven ex Adam) Stearn		18 22*, 24†	Bojeryia 1988; Magulaev 1992†; Johnson and Brandham 1997*
Colchicum triphyllum Kunze		20, 21, 42*, 54†	Feinbrun 1958; Lentini et al. 1988*; Sik and Küçüker 1998†
Colchicum tunicatum Feinbr.		54	Feinbrun 1958
Colchicum turcicum Janka		52	Küçüker 1984
Colchicum tuviae Feinbr.		14	Feinbrun 1958
Colchicum umbrosum Steven		24	Bokeriya 1988
Colchicum variegatum L.		42, 44	Feinbrun 1958; Sik and Küçüker 1998

Colchicum villosum (U.Müll.-Doblies & D.Müll.-Doblies) J.C.Manning & Vinn. (*Androcymbium villosum* U.Müll.-Doblies & D. Müll.-Doblies)		20	Montserrat Martí et al. 2002
Colchicum walteri (Pedrola, Membrives & J.M.Monts.) J.C.Manning & Vinn. (*Androcymbium walteri* Pedrola, Membrives & G.Monts.)		20	Montserrat Martí et al. 2002
Colchicum woronowii M.R. Bokeriya		42, 48	Bokeria 1990
Colchicum wyssianum (Beauverd & Turrett.) J.C.Manning & Vinn.		18 18+0-1B	Margeli et al. 1995, 1999
Colchicum zangezurum Grossh.		18	Bokeriya 1988
Disporum calcaratum D. Don		16,18? (16+2B ?)	Hara 1988
Disporum cantoniense (Lour.) Merrill var. *cantoniense*		14,16, 30	Hara 1988
Disporum cantoniense var. *kawakamii* (Hayata) Hara		16, 32	Hara 1988
Disporum cantoniense var. *multiflorum* (Blume) Hara		16	Hara 1988
Disporum kawakamii Hayata		16	Saito et al. 2009
Disporum leucanthum Hara		16	Hara 1988
Disporum longistylum (Lèv. et Van.) Hara		16	Hara 1988
Disporum lutescens (Maxim.) Koidzumi		16	Hara 1988
Disporum ovale Ohwi		16	Hara 1988
Disporum sessile (Thunb.) D. Don ex Schult. & Schult.f.		16 (24)	Therman 1956; Hara 1988
Disporum smilacinum A. Gray		16	Hara 1988
Disporum uniflorum Baker		16	Hara 1988
Disporum viridescens (Maxim.) Nakai		16	Therman 1956; Hara 1988
Gloriosa carsonii Baker x *G.. richmondensis*		44	Narain 1979
Gloriosa lutea auct. x *G. plantii* (Planch.) Loudon		22	Narain 1979
Gloriosa masterpiece (unresolved name)		44	Hegde and Lugade 1991
Gloriosa modesta (Hook.) J.C. Manning & Vinn.		22	Amano et al. 2008
Gloriosa simplex L.		22, 44,	Karihaloo 1985

		88	
Gloriosa superba L.	irr.	20*, 21*, 22, 66†	Narain 1981; Tarar et al. 1985; Vishwakarma and Tarar 1989*; Lugade and Hegde 1992; Vijayavalli and Mathew 1990a†,b, 1992†; Amano et al. 2008
Gloriosa virescens Lindl. x *G.. richmondensis* x *G. superba* L.		44	Narain 1979
Hexacyrtis dickiana Dinter		22	Nordenstam 1998
Iphigenia indica (L.) A. Gray ex Kunth	11*	22	Sarkar and Datta 1978*; Rama et al. 1987
Iphigenia magnifica Ansari & R. Rao	11*	22	Rama et al. 1983, 1987; Lugade and Hegde 1994; Sarkar and Datta 1978*
Iphigenia mysorensis Arekal & Swamy	11*	22	Rama et al. 1983, 1987; Sarkar and Datta 1978*
Iphigenia novae-zelandiae (Hook.f.) Baker		20	Hair and Beuzenberg 1966
Iphigenia pallida Baker	11*	22	Rama et al. 1983, 1987; Sarkar and Datta 1978*
Iphigenia stellata Blatt.	11*	22	Rama et al. 1983, 1987; Sarkar and Datta 1978*
Kuntheria pedunculata (F.Muell.) Conran & Clifford		14	Conran 1985
Ornithoglossum parviflorum B. Nord.		24	Nordenstam 1982
Ornithoglossum undulatum Sweet		24	Nordenstam 1982
Ornithoglossum vulgare B. Nord.		24	Nordenstam 1982
Ornithoglossum zeyheri (Baker) B. Nord.		24	Nordenstam 1982
Sandersonia aurantiaca Hook.		24	Pandey and Pal 1980
Schelhammera multiflora R. Br.		14	Conran 1985
Schelhammera undulata R. Br.		14, 36*	Conran 1985; Briggs et al. 2002*
Tripladenia cunninghamii D. Don		14	Nordenstam 1998
Uvularia grandiflora Sm.	7		Therman and Denniston 1984
Uvularia perfoliata L.		14	Utech 1980

Uvularia sessilifolia L.		14	Utech 1980; Love and Love 1981; Plante 1995
Wurmbea dioica (R. Br.) F. Muell.		20, 40	Wiltshire and Jackson 2003
Wurmbea marginata (Desr.) B. Nord.		14	Nordenstam 1986
Wurmbea variabilis B. Nord.		14	Nordenstam 1986
OUTGROUPS			
ALSTROEMERIACEAE			
Alstroemeria aurea Graham		16	Buitendijk and Ramanna 1996; Buitendijk et al. 1998
Bomarea patinii Baker		18	Baeza et al. 2008
Drymophila moorei Baker	10		Conran 1985
Luzuriaga marginata (Gaertn.) Benth. & Hook.f.		20	Moore 1967
PETERMANNIACEAE			
Petermannia cirrosa F. Muell.		10	Conran 1985
PHILESIACEAE			
Lapageria rosea Ruiz & Pav.		30+1B	Hanson et al. 2003
Philesia magellanica J.F.Gmel.		12	Moore 1981
RIPOGONACEAE			
Ripogonum album R.Br.		30	Hanson et al. 2003

LITERATURE CITED

Amano, J., S. Kuwayama, Y. Mizuta, and M. Nakano. 2008. Morphological Characterization of three intergeneric hybrids among *Gloriosa superba* 'Lutea', *Littonia modesta*, and *Sandersonia aurantiaca* (Colchicaceae). *HortScience* 43: 115–118.

Arrigoni, P. V. and B. Mori. 1980. Numeri cromosomici per la Flora Italiana: 722-727. *Informatore Botanico Italiano* 12: 145–148.

Baeza, C. M., F. Alzate, M. Negritto, and E. Ruiz. 2008. El cariotipo de *Bomarea patinii* Baker subsp. *patinii* (Alstroemeriaceae). *Gayana Botanica* 65: 233–236.

Baldini, R. M. 1997. Mediterranean chromosome number reports 7 (779–782). *Flora Mediterranea* 7: 198–204.Bartolo, G., S. Brullo and P. Pavone. 1981. Números cromosomáticos de plantas occidentales: 138-156. *Anales del Jardín Botánico de Madrid* 38: 288–299.

Bokeria, M. R. 1990. On the forgotten species *Colchicum* (Colchicaceae) from the Abkhasian Autonomous Soviet Socialist Republic. *Botaniceskij Zhurnal* 75: 199–203.

Bokeriya, M. R. 1988. Chromosome numbers in some members of genera *Colchicum* and *Merendera* (Melanthiaceae) from the Caucasus. *Botaniceskij Zhurnal* 73: 453–454.
Briggs, B. G., E. Edgar, K. L. Wilson, and R. Snow. 2002. Chromosome numbers of some native and naturalised plant species in Australia. *Telopea* 9: 833–835.
Buitendijk, J. H. and M. S. Ramanna. 1996. Giemsa C-banded karyotypes of eight species of *Alstroemeria* L. and some of their hybrids. *Annals of Botany* 78: 449–457.
Buitendijk, J. H., A. Peters, R. J. Quené, and M. S. Ramanna. 1998. Genome size variation and C-band polymorphism in *Alstroemeria aurea*, *A. ligtu* and *A. magnifica* (Alstroemeriaceae). *Plant Systematics and Evolution* 212: 87–106.
Camarada, I. 1979. Actuelles connaissances du genre *Colchicum* en Sardaigne. *Webbia* 34: 481–485.
Cecchi, O. and G. Fiorini. 2002. Mediterranean chromosome number reports 12 (1316–1318). *Flora Mediterranea* 12: 482–486.
Colombo, P., C. Marceno, and R. Princiotta. 1982. Numeros cromosomicos de plantas occidentales: 186-199. *Anales del Jardín Botánico de Madrid* 39: 199–206
Conran, J. G. 1985. Chromosome Number Reports LXXXVII. *Taxon* 34: 346–351.
Dobea, C. and B. Hahn. 1997. IOPB chromosome data 11. *International Organization of Plant Biosystematists Newsletter* 26/27: 15–18.
Feinbrun, N. 1958 Chromosome studies and evolution in the genus *Colchicum*. *Evolution* 12: 173–188.
Fridlender, A., S.C. Brown, R. Verlaque, M.T. Crosnier, and N. Pech. 2002. Cytometric determination of genome size in *Colchicum* species (Liliales, Colchicaceae) of the western Mediterranean area. *Plant Cell Reports* 21: 347–352.
Garbari, F. and E. Crisman. 1988. Cytotaxonomical contributions to the Jordanian flora. 1. *Webbia* 42: 21–41.
Hair, J. B. and E. J. Beuzenberg. 1966. Contributions to a Chromosome Atlas of the New Zealand flora. 7. Miscellaneous families. *New Zealand Journal of Botany* 4: 255–266.
Hanson, L., R. L. Brown, A. Boyd, M. A. T. Johnson, and M. D. Bennett. 2003. First nuclear DNA C-values for 28 angiosperm genera. *Annals of Botany* 91: 31–38.
Hara, H. 1988. Hiroshi hara revision of the asiatic species of the genus *Disporum* (Liliaceae). *University Museum, University of Tokyo Bulletin* 31, 164.
Johnson, M. A. T. and P. E. Brandham. 1997. New chromosome numbers in petaloid monocotyledons and in other miscellaneous angiosperms. *Kew Bulletin* 52: 121–138.
Kamari, G. and U. Matthas. 1986. Cytotaxonomical contributions on the flora of Crete. III. *Willdenowia* 15: 515–520.
Karihaloo, J. L. 1985. Cytology of *Gloriosa simplex* L. *Current Science* 54: 579–580.
Keighery, G. J. 1984. Chromosome numbers of Australian Liliaceae. *Feddes Repertorium* 95: 523–532.
Keighery, G. J., and W. Muir. 2005. Reinstatement of *Burchardia congesta* (Colchicaceae). *Nuytsia* 15: 347–353.
Krichphalushi, V. V. 1989. *Sravnitelno-karyologicheskoe issledovanie prirodnykh populacij efemeroidov Karpat*. Pp. 25–27 in Tesizy II Symp. Plant Karyology
Küçüker, O. 1984. Chromosome Number Reports LXXXIV. *Taxon* 33: 536–539.
Lentini, F., S. Romano and F. M. Raimondo. 1988. Numeri cromosomici per la flora Italiana: 1185–1196. *Informatore Botanico Italiano* 20: 637–646.
Love, A. and D. Love. 1981. In Chromosome number reports LXXIII. *Taxon* 30: 845–851.

Lugade, M. R. and B. A. Hegde. 1992. Karyological and meiotic peculiarities in *Gloriosa lutea* Hort. (2n = 22). *Cytologia* 57: 335–337.

Lugade, M. R. and B. A. Hegde. 1994. Karyological and meiotic peculiarities in *Iphigenia magnifica* Ansari et Rolla Roa (2n = 22). *Advances in Plant Sciences* 7: 251–255.

Macfarlane, T. D. 1987. *Burchardia*. Pp. 405-411 in *Flora of Australia Volume 45, Hydatellaceae to Liliaceae*, ed. A. S. George. Canberra: Australian Government Publishing Service.

Magulaev, A. Y. 1992. Chromosome numbers in some species of vascular plants of the northern Caucasus flora. *Botaniceskij Zhurnal* 77: 88–90.

Margeli, M., J. M. Montserrat Martí, J. Pedrola-Monfort, and J. Valles. 1995. Mediterranean chromosome number reports 5 (518–523). *Flora Mediterranea* 5: 334–337

Margeli, M., J. Pedrola-Monfort, and J. V. Xirau. 1999. Karyological studies in the genus *Androcymbium* (Colchicaceae). *Australian Journal of Botany* 47: 131–146

Montserrat Martí, J. M., N. M. Fernández, J. Caujapé-Castells, and J. P. Monfort. 2002. Números cromosómicos de algunas especies surafricanas del género *Androcymbium* Willd. (Colchicaceae). *Lagascalia* 22: 145–151.

Moore, D. 1967. Chromosome numbers of Falkland Islands angiosperms. *British Antarctic Survey Bulletin* 14: 69–82.

Moore, D. M. 1981. Cromosome numbers of Fuegian angiosperms. *Boletin da Sociedade Broteriana* 53: 995–1012.

Murin, A. and J. Majovsky. 1979. Karyological study of Slovakian flora I. *Acta Facultatis Rerum Naturalium Universitatis Comenianae, Botanica* 27: 127–133

Murin, A. and J. Májovsk. 1987. Karyological study of the Slovak flora XIX. *Acta Facultatis Rerum Naturalium Universitatis Comenianae, Botanica* 34: 3–20.

Narain, P. 1979. Interspecific hybridization in *Gloriosa*. *New Botanist* 6: 103–110.

Narain, P. 1981. A case of terminal chromosome deletion in *Gloriosa superba* L. *Current Science* 50: 285–286.

Nordenstam, B. 1982. A monograph of the genus *Ornithoglossum*. (Liliaceae). *Opera Botanica* 64: 1–51

Nordenstam, B. 1986. The genus *Wurmbea* (Colchicaceae) in the Cape region. *Opera Botanica* 87: 1–41

Nordenstam, B. 1998. *Colchicaceae*. Pp. 175–185. in The families and genera of vascular plants, Vol. 3. Flowering Plants. Monocotyledons. Lilianae (except Orchidaceae), ed. K. Kubitzki. Springer-Verlag, Berlin.

Pandey, R. M. and M. Pal. 1980. In Chromosome number reports LXVIII. *Taxon* 29: 544–545.

Papanicolaou, K. 1984. Chromosome Number Reports LXXXII. *Taxon* 33: 126–134.

Pedrola-Monfort, J. and J. Caujapé-Castells. 1998. The *Androcymbium* species of the Canary Islands. *Curtis's Botanical Magazine (Incorporating Kew Magazine)* 15: 67–77.

Persson, K. 1988. New species of *Colchicum* (Colchicaceae) from the Greek mountains. *Willdenowia* 18: 29–46.

Persson, K. 1992. *Colchicum feinbruniae* sp. nov. and allied species in the Middle East. *Israel Journal of Botany* 41: 75–86.

Persson, K.1993. *Reproductive strategies and evolution in* Colchicum. Pp 398–414. in: Procedings 5th OPTIMA Meeting Istanbul University, Istanbul, eds. H. Demiriz and N. Ozhatav.

Persson, K. 1998. Comments on some tessellated *Colchicum* species in the East Mediterranean area. *Candollea* 53: 399–418.
Persson, K. 1999. New and revised species of *Colchicum* (Colchicaceae) from the Balkan Peninsula. *Plant Systematics and Evolution* 217: 55–80.
Persson, K. 2001. A new soboliferous species of *Colchicum* in Turkey. *Botanical Journal of the Linnean Society* 135: 85–88.
Persson, K. 2005. A new Turkish species of *Colchicum* (Colchicaceae) related to *C. boissieri*. *Edinburgh Journal of Botany* 62: 181–192.
Persson, K., G. Petersen, A. del Hoyo, O. Seberg, and T. Jorgensen. 2011. A phylogenetic analysis of the genus *Colchicum* L. (Colchicaceae) based on sequences from six plastid regions. *Taxon* 60: 1349–1365.
Peruzzi, L. and G. Cesca. 2002. Mediterranean chromosome number reports 12 (1295–1304). *Flora Mediterranea* 12: 461–470.
Phitos, D., G. Kamari, and K. Athanasiou. 1989. Chromosome numbers in some species of the Greek flora. *Botanika Chronika, Patras* 9: 41–47.
Plante, S. 1995. IOPB chromosome data 10. *International Organization of Plant Biosystematists Newsletter* 25: 9–10.
Pogosian, A. I. 1997. Chromosome numbers in some species of monocotyledons from the Transcaucasia. *Botaniceskij Zhurnal* 82: 117–118.
Rama, T. V., P. N. Rao, and R. S. Rao. 1987. Somatic chromosome morphology in the genus *Iphigenia*. *Cytologia* 52: 439–444.
Rama, T. V., R. S. Rao, and P. Rao. 1983. In IOPB chromosome number reports LXXXI. *Taxon* 32: 664.
Saito, Y., T. Iwashina, C. -I Peng, and G. Kokubugata. 2009. Taxonomic reconsideration of *Disporum luzoniense* (Liliaceae s.l.) using flavonoid characters. *Blumea* 54: 59–62.
Sarkar, A. K. and N. Datta. 1978. Cytological investigations of different species of *Iphigenia* to ascertain their mode of speciation. *Proceedings of the Indian Science Congress Association* (III, C) 65: 110–111.
Sik, L. and O. Küçüker. 1998. Mediterranean chromosome number reports 8 (997–1000). *Flora Mediterranea* 8: 296–298.
Sveshnikova, L. I. and V. V. Krichfalushij. 1985. Chromosome numbers in some representatives of the families Amaryllidaceae and Liliaceae in the flora of Ukraine and Georgia. *Botanicheskii Zhurnal SSSR* 70: 1130–1131.
Tarar, J. L., N. Chandra and M. Vishwakarma. 1985. Karyotypic studies in *Gloriosa superba* Linn. *Proceedings of the Indian Science Congress Association* 72 (3–VI): 131.
Therman, E. and C. Denniston. 1984. Random arrangement of chromosomes in *Uvularia* (Liliaceae). *Plant Systematics and Evolution* 147: 289–297.
Therman, E. 1956. Cytotaxonomy of the Tribe Polygonatae. *American Journal of Botany* 43: 134–142.
Utech, F. H. 1980. Chromosome atlas of the vascular plants of western Pennsylvania. I. *Annals of Carnegie Museum* 49: 265–305.
Vassiliades, D. and K. Persson. 2002. A new winter-flowering species of *Colchicum* from Greece. *Preslia* 74: 57–65.
Vijayavalli, B. and P. M. Mathew. 1990a. *Cytotaxonomy of the Liliaceae and allied families*. Continental Publishers, Kerala, India.

Vijayavalli, B. and P. M. Mathew. 1990b. Karyomorphology of four morphotypes of *Gloriosa superba* L. from south India. *Cytologia* 55: 531–533.

Vijayavalli, B. and P. M. Mathew. 1992. Cytology of species of *Gloriosa* Linn. *Journal of the Indian Botanical Society* 71: 29–32.

Vishwakarma, M. and J. L. Tarar. 1989. Aneuploids in *Gloriosa superba* Linn. *Proceedings of the Indian Science Congress Association* 76 (3,VI): 181.

Wetschnig, W. 1992. Chromosomenzahlen Kärntner Gefässpflanzen (Teil 4): Karyotypmorphologie von *Bulbocodium vernum* L. (Colchicaceae). *Carinthia II* 182: 535–544.

Wiltshire, R. J. E. and W. D. Jackson. 2003. Index of chromosome numbers of Tasmanian spermatophytes. *Papers and Proceedings of the Royal Society of Tasmania* 137: 39–53.