

Bogdan Kuzmanov †

Chromosome numbers of bulgarian angiosperms: An introduction to a chromosome atlas of the Bulgarian flora *

Abstract

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The results of more than five decades of karyological studies on Bulgarian flowering plants are recorded and summarized as an introduction to a chromosome atlas of the Bulgarian flora. Comments on the incidence of polyploidy and endemism in the flora of Bulgaria are included.

Introduction

Cytological investigations on Bulgarian flowering plants started in the early 1930's, in conjunction with the study of the apomictic reproduction of several species of *Asteraceae*, *Poaceae* and *Rosaceae* (see Kozuharov & Kuzmanov 1968a, 1969b).

The first cytotaxonomic treatment of Bulgarian plants was, however, that by Gentchev (1937) on the genus *Dianthus*. This author demonstrated the rarity of polyploidy, already confirmed in Bulgarian species of *Dianthus* (see the list of chromosome numbers).

At present, chromosome numbers for a significant party of the angiosperms have been studied from Bulgarian populations, by the authors listed in the bibliography.

The per centage of species studied karyologically is difficult to give, on account of the differences in number of species estimated for the flora of Bulgaria (see, for instance, "Flora Europea", "Flora of Bulgaria" and "Flora R. P. Bulgaricae").

It is, however, higher than the 29% given by van Loon (1987).

The possibilities to collect appropriate material from distant populations of particular species for karyological studies by Bulgarian botanists are rather limited. Consequently, these studies have been based mainly on families of angiosperms widely represented in Bulgaria, particularly *Asteraceae*, *Fabaceae*, *Liliaceae*, *Poaceae*, *Rosaceae*, *Rubiaceae*, *Scrophulariaceae* and *Caryophyllaceae*. A number of these studies have shown the existence of more than one cytotype in many Bulgarian polymorphic species.

Until the end of 1990, no representatives of the following 39 families (i.e., 387% of the families of Angiosperms represented in Bulgaria) were known karyologically from wild Bulgarian populations: *Acanthaceae*, *Aceraceae*, *Apocynaceae*, *Aquifoliaceae*,

* This paper was sent for publication by Prof. Kuzmanov on 1991. The editors of Flora Mediterranea decided to publish it after his death as originally submitted, even though some of the papers then in press have already been published.

Araliaceae, Asclepiadaceae, Betulaceae, Butomaceae, Callitrichaceae, Cappariaceae, Celastraceae, Ceratophyllaceae, Convolvulaceae, Cornaceae, Cuscutaceae, Dioscoreaceae, Droseraceae, Eleagnaceae, Elatinaceae, Empetraceae, Ericaceae, Moraceae, Najadaceae, Nymphaeaceae, Oxalidaceae, Orobanchaceae, Platanaceae, Portulacaceae, Potamogetonaceae, Pyrolaceae, Staphyllaceae, Tamaricaceae, Theligonaceae, Typhaceae, Tiliaceae, Trapaceae, Ulmaceae, Urticaceae and Vitaceae.

These families belong to three different groups:

- a) families represented by one or more species in dry or disturbed areas;
- b) families with aquatic species or with species from wet areas, and
- c) families which include most trees and shrubs of the Bulgarian flora.

Because of the geographical situation of the country, the last group of species form the zonal vegetation. There are several reasons for their exclusion from karyological studies, including technical difficulties to observe their chromosomes, the small number of absence of endemic species, which makes their study less attractive, and also the fact that most Bulgarian woody species are already known karyologically from foreign populations.

After the publication of the Cytotaxonomical Atlas of the Slovenian Flora (Löve & Löve 1974); a somewhat preliminary work on chromosome numbers of Balkan Peninsula was made by van Loon (1987). The present list does not intend to be a chromosome Atlas of the flora of Bulgaria, but an introduction to this Atlas, which will hopefully be published in the near future.

The incidence of polyploidy

Within the families containing Bulgarian populations known karyologically, the distribution of their cytotypes and the ploidy levels does not have an even distribution (Table 1); and some correlations can be found. *Araceae, Cyperaceae, Gentianaceae, Geraniaceae, Malvaceae, Onagraceae, Rutaceae* and *Solanaceae* in Bulgaria have only polyploid species, while *Berberidaceae, Dipsacaceae, Oleaceae, Polygalaceae* and *Violaceae*, have only diploid species. The other angiospermous families have both diploid and polyploid cytotypes.

At the generic level, some genera have mainly polyploid species, such as: *Achillea, Arctium, Doronicum* and *Senecio* (*Compositae*); *Cynoglossum* and *Lapula* (*Boraginaceae*); *Alyssum* (*Brassicaceae*); *Genista, Chamaecytisus* and *Omobrychis* (*Fabaceae*); *Iris* (*Iridaceae*); *Thymus* (*Labiatae*); *Allium, Ornithogalum* and *Fritillaria* (*Liliaceae*); *Linum* (*Linaceae*); *Bromus, Festuca, Hordeum* and *Poa* (*Poaceae*); *Geum* and *Potentilla* (*Rosaceae*) and *Verbascum* (*Scrophulariaceae*).

Other genera have mainly diploid species, such as: *Peucedanum* (*Apiaceae*); *Anthemis, Artemisia, Carduus, Cirsium, Crepis* and most *Cichorieae* (*Asteraceae*); *Arabis* (*Brassicaceae*); *Campanula* and *Jasione* (*Campanulaceae*); *Dianthus* (*Caryophyllaceae*); *Lathyrus, Trifolium* and *Vicia* (*Fabaceae*); *Crocus* (*Iridaceae*); *Salvia* (*Lamiaceae*); *Plantago* (*Plantaginaceae*); *Primula* (*Primulaceae*) or *Valerianella* (*Valerianaceae*).

A peculiar pattern can be observed in ploidy levels when tetraploid and higher ploidy levels are compared (Table 1). In the families *Caprifoliaceae, Cistaceae, Crassulaceae, Gentianaceae, Onagraceae, Plumbaginaceae* and *Valerianaceae*, all recorded polyploids are tetraploids.

In the *Cyperaceae, Resedaceae* and *Rutaceae* there are no tetraploid cytotypes in Bulgaria, all populations being of higher ploidy levels.

In the families *Fabaceae, Poaceae, Polygonaceae, Rosaceae, Saxifragaceae* and *Solanaceae*, the number of tetraploid cytotypes is equivalent to the number of higher polyploids.

	No. sp. analysed	Total number	Ploidy levels (*)			
			Diploids number (%)	Polyploids		
				Total number (%)	Tetraploids	Higher polypl. (%)
<i>Adoxaceae</i>	1	1		1(100)	1(100)	
<i>Amaryllidaceae</i>	7	8	7(87)	1(13)	1(100)	
<i>Anacardiaceae</i>	1	1	1(100)			
<i>Apiaceae</i>	52	53	47(89)	6(11)	3(50)	3(50)
<i>Araceae</i>	5	5		5(100)	3(50)	2(40)
<i>Aristolochiaceae</i>	1	1	1(100)			
<i>Asteraceae</i> (**)	263	289	203(70)	86(30)	71(83)	15(17)
<i>Berberidaceae</i>	3	3	3(100)			
<i>Boraginaceae</i>	35	35	15(43)	20(57)	10(50)	10(50)
<i>Brassicaceae</i>	86	89	62(70)			
<i>Campanulaceae</i>	35	39	30(77)	9(23)	7(78)	2(22)
<i>Caprifoliaceae</i>	5	5	1(20)	4(80)	4(100)	
<i>Caryophyllaceae</i>	72	74	60(81)	14(19)	11(79)	3(21)
<i>Chenopodiaceae</i>	6	6	3(50)	3(50)	2(67)	1(33)
<i>Cistaceae</i>	13	14	9(64)	5(36)	5(100)	
<i>Crassulaceae</i>	7	7	5(71)	2(29)	2(100)	
<i>Cucurbitaceae</i>	1	1	1(100)			
<i>Cyperaceae</i>	40	40		40(100)		40(100)
<i>Dipsacaceae</i>	11	11	11(100)			
<i>Euphorbiaceae</i>	4	4	2(50)	2(50)	2(100)	
<i>Fabaceae</i>	185	195	145(73)	50(27)	24(48)	26(52)
<i>Gentianaceae</i>	5	5		5(100)	5(100)	
<i>Geraniaceae</i>	5	5		5(100)	4(80)	1(20)
<i>Globulariaceae</i>	1	1		1(100)	1(100)	
<i>Gesneriaceae</i>	1	2		2(100)	1(50)	1(50)
<i>Grossulariaceae</i>	1	1	1(100)			
<i>Hypericaceae</i>	4	4	4(100)			
<i>Iridaceae</i>	17	19	13(68)	6(32)	5(83)	1(17)
<i>Juncaceae</i>	5	5	2(40)	3(60)	2(67)	1(33)
<i>Lamiaceae</i>	107	107	70(65)	37(35)	29(78)	8(22)
<i>Liliaceae</i>	81	94	50(53)	44(47)	33(75)	11(25)
<i>Linaceae</i>	17	17	8(47)	9(53)	7(78)	2(22)
<i>Lythraceae</i>	1	1	1(100)			
<i>Malvaceae</i>	9	9		9(100)	1(11)	8(89)
<i>Oleaceae</i>	2	2	2(100)			
<i>Onagraceae</i>	2	2		2(100)	2(100)	
<i>Paeoniaceae</i>	1	1	1(100)			
<i>Papaveraceae</i>	7	7	6(86)	1(14)	1(100)	
<i>Plantaginaceae</i>	9	10	8(80)	2(20)	2(100)	
<i>Plumbaginaceae</i>	5	5	1(20)	4(80)	4(100)	
<i>Poaceae</i>	238	267	127(48)	140(52)	90(64)	50(36)
<i>Polygalaceae</i>	3	3	3(100)			
<i>Polygonaceae</i>	12	14	10(71)	4(29)	2(50)	2(50)
<i>Primulaceae</i>	19	20	14(70)	6(30)	5(83)	1(17)
<i>Ranunculaceae</i>	52	56	42(75)	14(25)	11(79)	3(21)
<i>Resedaceae</i>	1	1		1(100)		

<i>Rhamnaceae</i>	1	1	1(100)	1(100)		
<i>Rosaceae</i>	41	52	17(33)	35(67)	18(51)	17(49)
<i>Rubiaceae</i>	40	41	25(61)	16(39)	11(69)	5(31)
<i>Rutaceae</i>	1	1	1(100)			
<i>Salicaceae</i>	1	1	1(100)			
<i>Saxifragaceae</i>	8	8	6(75)	2(25)	1(50)	1(50)
<i>Scrophulariaceae</i>	72	82	44(54)	38(46)	27(71)	11(29)
<i>Solanaceae</i>	3	4	4(100)	2(50)	2(50)	
<i>Sparganiaceae</i>	1	1	1(100)			
<i>Thymelaeaceae</i>	3	3	3(100)			
<i>Valerianaceae</i>	17	18	16(89)	2(21)	2(100)	
<i>Verbenaceae</i>	1	1	1(100)			
<i>Violaceae</i>	9	9	9(100)			
<i>Zygophyllaceae</i>	3	3	3(100)			
<i>Zannicheliaceae</i>	1	1	1(100)			
Totals 61	1650	1765	1095(63)	670(38)	433(65)	237(35)

Although these considerations are based on a partial karyological study of the Bulgarian flora, which covers 1650 species, this figure is significant enough to recognize that within the polyploids, the number of tetraploids is equivalent to the number of higher polyploids.

Polyploidy and speciation in Bulgaria

In many aspects species and subspecies characterize the processes of local speciation. The number of Bulgarian and Balkan endemic species have been discussed in this context by several authors, particularly Turrill, Stojanov and Stefanov, and Kozuharov (1975) who made a cytotaxonomic review of the Bulgarian endemics. To fully understand these processes, another group of species should be included: the Balkan subendemic species.

Endemics and subendemics, together express better local speciation, since the political limits of many Balkan country are not coincident with natural phytogeographical regions.

To estimate endemism in any region present both taxonomic and phytogeographical problems, which are more difficult to solve for subendemic species. As far as Bulgaria is concerned, 632 species should be considered, of which 1741 are endemic to Bulgaria, 258 endemic to the Balkans, and 233 subendemic to the Balkans.

Some 472 cytotypes are known for 441 of these species. Local endemic diploids belong to the families *Boraginaceae*, *Dipsacaceae*, *Hypericaceae*, *Ranunculaceae*, *Saxifragaceae*, *Gesneriaceae* and *Liliaceae*. Polyploids are relatively only a small part of the endemic taxa of families *Asteraceae*, *Campanulaceae*, *Caryophyllaceae*, *Iridaceae*, *Lamiaceae* and *Rubiaceae*, while they are dominant in the endemic species of the *Poaceae*. All polyploid Balkan endemics of the *Apiaceae* are tetraploids.

Altogether, 36% of Bulgarian endemics are polyploids, while polyploids in Balkan endemic and subendemic species are 32% and 33% respectively. These similar percentages are rather coincident with the figure of 37% for the polyploids in the Bulgarian flora when taken as a whole, and probably express common speciation processes in Southeastern Europe in general and in the Balkan Peninsula in particular. Polyploidy may have not taken place in more than 1/3 of the species which originated in this area, and according to these figures, polyploidy for the complete Bulgarian flora can be estimated at between a 30% and a 40%.

General Observations

Species are listed by families, arranged alphabetically. For each species, the correct name according to "Flora R. P. Bulgaricae" 1963-1991, the somatic chromosome numbers and the bibliographic references are given.

A number of chromosome numbers, mainly from works by N. Andreev, D. Peev, B. Kuzmanov, G. Georgieva, V. Nikolova and P. Yurukova-Grankarova, are included, as they were in press when this paper was submitted for publication at the end of 1991.

Chromosome numbers

	Taxa		Somatic chromosome numbers	References
Families	Genera	Species		
<i>Adoxaceae</i>	<i>Adoxa</i>	<i>A. moschatelina</i> L.	36	Andreev (1982)
<i>Amaryllidaceae</i>	<i>Galanthus</i> L.	<i>G. elwesii</i> Hooker fil.	24	Svesnikova (1971); Popova (1972b)
			48	Popova (1972b)
		<i>G. maximus</i> Velen.	24	Popova (1972b)
		<i>G. nivalis</i> L.	24	Svesnikova (1971); Popova (1972b)
	<i>Pancratium</i> L.	<i>P. maritimum</i> L.	22	Kozuharov, Popova & Kuzmanov (1968)
	<i>Sternbergia</i> Waldst. & Kit.	<i>S. lutea</i> (L.) Ker-Gawler ex Sprengel	22	Krusheva (1975)
		<i>S. cholchiciflora</i> Waldst. & Kit.	18, 19, 20	Popova (1968)
<i>Anacardiaceae</i>	<i>Cotinus</i> Miller	<i>C. coggygria</i> Scop.	30	Markova & Goranova (1987)
<i>Apiaceae</i>	<i>Aegopodium</i> L.	<i>A. podagraria</i> L.	22	Peev & Andreev (1978)
			44, 42	Peev (1977a); Peev & Andreev (1978)
	<i>Angelica</i> L.	<i>A. panicii</i> Vandas	22	Kozuharov & Kuzmanov (1965a)
		<i>A. sylvestris</i> L.	22	Peev (1977a)
	<i>Anthriscus</i> Pers.	<i>A. sylvestris</i> (L.) Hoffm.	16	Peev (1977a)
	<i>Apium</i> L.	<i>A. graveolens</i> L.	22	Goergiev & Chavdarov (1971)
	<i>Astrantia</i> L.	<i>A. major</i> L.	28	Andreev (1979)
	<i>Bupleurum</i> L.	<i>B. sibthorpi</i> Sm.	16	Andreev (in press)

	Taxa		Somatic chromosome numbers	References
Families	Genera	Species		
	<i>Carum</i> L.	<i>C. graecum</i> Boiss. & Heldr.	22	Peev & Andreev (1978)
	<i>Chareophyllum</i> L.	<i>Ch. aureum</i> L.	22	Peev & Andreev (1978)
		<i>Ch. temultum</i> L.	24	Peev (1977a)
	<i>Cnidium</i> Cosson	<i>C. silaifolium</i> (Jacq.) Simonkai	28	Cesmedziev (1983)
	<i>Conium</i> L.	<i>C. maculatum</i> L.	22	Peev & Cesmedziev (1978)
	<i>Daucus</i> L.	<i>D. guttatus</i> Sibth. & Sm.	20	Cesmedziev (1983a)
	<i>Eryngium</i> L.	<i>E. campestre</i> L.	14	Cesmedziev (1976)
		<i>E. creticum</i> L.	14	Cesmedziev (1976)
		<i>E. maritimum</i> L.	16	Peev & Cesmedziev (1976)
	<i>Heptaptera</i> Margot & Reuter	<i>H. triquetra</i> (Vent.) Tutin	22	Cesmedziev (1976)
	<i>Heracleum</i> L.	<i>H. angustisectum</i> (Stoj & Acht.) Peev	22	Peev & Andreev (1978)
		<i>H. sibiricum</i> L.	22	Kozuharov & Kuzmanov (1969); Cesmedziev (1976); Peev & Andreev (1978); Andreev (in press)
		<i>H. verticillatum</i> L.	22	Andreev (1979); Cesmedziev (1983a)
	<i>Laserpitium</i> L.	<i>L. siler</i> L.	22	Peev & Andreev (1978)
	<i>Libanotis</i> Hill	<i>L. montana</i> Crantz	22	Peev & Andreev (1978)
	<i>Ligusticum</i> L.	<i>L. mutelina</i> (L.) Crantz	22	Andreev (in press)
	<i>Meum</i> Miller	<i>M. mutelina</i> Gaertner	14	Peev (1977a)

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
	<i>Myrrhoides</i> Heister ex Fabr.	<i>M. nodosa</i> (L.) Cannon	22	van Loon & de Jong (1978); Cesmedziev (1983a);
	<i>Oenanthe</i> L.	<i>O. fistulosa</i> L.	22	Peev & Andreev (1978)
	Taxa		Somatic chrmosome numbers	References
	<i>Opoponax</i> Koch	<i>O. bulgaricus</i> Velen.	22	Kozuharov & Kuzmanov (1969a); Andreev (1979)
		<i>O. hispidus</i> (Friv.) Griesb.	22	Andreev (1979); Cesmedziev (1983a)
	<i>Orlaya</i> Hoffm.	<i>O. grandiflora</i> L.	22,20	Kozuharov & Petrova (1976); van Loon & van Setten (1982)
	<i>Pastinaca</i> L.	<i>P. hirsuta</i> Panc	22	Cesmedziev (1983a); Andreev (in press)
		<i>P. sativa</i> L.	22	Peev & Andreev (1978)
		<i>P. teretiuscula</i> Boiss.	22	Peev & Andreev (1978)
		<i>P. umbrosa</i> Steven ex DC.	22	Cesmedziev (1983a)
	<i>Peucedanum</i> L.	<i>P. aegopodioides</i> (Boiss.) Vandas	22	Kuzmanov, Andreev & Georgieva (1977); Kuzmanov, Andreev, Georgieva & Mitrev (1987)
		<i>P. alsaticum</i> Koch	22	Kuzmanov, Andreev & Georgieva (1977); Kuzmanov, Andreev, Georgieva & Mitrev (1987)

	Taxa		Somatic chromosome numbers	References
Families	Genera	Species		
		<i>P. arenarium</i> Waldst. & Kit.	22	Kuzmanov, Andreev & Georgieva (1977); Kuzmanov, Andreev, Georgieva & Mitrev (1987)
		<i>P. austriacum</i> (Jacq.) Koch	22	Kuzmanov, Andreev & Georgieva (1977); Kuzmanov, Andreev & Georgieva, Mitrev (1987)
		<i>P. carvifolium</i> Vill.	22	Kuzmanov, Andreev & Georgieva (1977); Kuzmanov, Andreev, Georgieva & Mitrev (1987)
		<i>P. cervaria</i> (L.) Lapeyr.	22	Kuzmanov, Andreev & Georgieva (1977); Kuzmanov, Andreev, Georgieva & Mitrev (1987)
		<i>P. officinale</i> L.	66	Kuzmanov, Andreev & Georgieva (1977); Kuzmanov, Andreev, Georgieva & Mitrev (1987)
		<i>P. olygophyllum</i> (Griseb.) Vandas	22	Kuzmanov, Andreev & Georgieva (1977); Kuzmanov, Andreev, Georgieva & Mitrev (1987)

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
		<i>P. longifolium</i> Waldst. & Kit.	66	Kuzmanov, Andreev & Georgieva (1977); Kuzmanov, Andreev, Georgieva & Mitrev (1987)
		<i>P. ruthenicum</i> Bieb.	66	Kuzmanov, Andreev & Georgieva (1977); Kuzmanov, Andreev, Georgieva & Mitrev (1987)
		<i>P. vittjugum</i> Boiss.	22	Kuzmanov, Andreev & Georgieva (1977); Kuzmanov, Andreev, Georgieva & Mitrev (1987)
	<i>Physospermum</i> Cusson	<i>P. cornubiense</i> (L.) DC.	16	Peev & Andreev (1978)
	<i>Pimpinella</i> L.	<i>P. tragiun</i> Vill.	22	Peev & Andreev (1978)
	<i>Sanicula</i> L.	<i>S. europea</i> L.	16	Peev (1977a); Andreev (1982)
	<i>Seseli</i> L.	<i>S. libanotis</i> (L.) Koch	22	M. Markova & Robeva (1972,1973); Peev & Andreev (1978)
		<i>S. rigidum</i> Waldst. & Kit.	20,22	M. Markova & Robeva (1972,1973); Peev & Andreev (1978)
		<i>S. rhodopeum</i> Velen	42	M. Markova & Robeva (1972,1973); Peev & Andreev (1978)
	<i>Tordilium</i> L.	<i>T. maximum</i> L.	20	van Loon & van Setten (1982)

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
	<i>Trinia</i> Hoffm.	<i>T. galuca</i> (L.) Dumort.	20	van Loon & van Setten (1982)
<i>Araceae</i>	<i>Arum</i> L.	<i>A. alpinum</i> Schott & Kotschy	56	Delipavlov & Cesmedziev (1983)
		<i>A. elongatum</i> Steven	28	Delipavlov & Cesmedziev (1983)
		<i>A. maculatum</i> L.	56	Delipavlov & Cesmedziev (1983)
		<i>A. orientale</i> Bieb.	28	Bedalov (1981); Delipavlov & Cesmedziev (1983)
	<i>Dracunculus</i> Miller	<i>D. vulgaris</i> Schott	32	Popova & Cesmedziev (1978)
<i>Aristolochiaceae</i>	<i>Asarum</i> L.	<i>A. europeum</i> L.	26	M. Markova (1970a)
<i>Asteraceae</i>	<i>Achillea</i> L.	<i>A. ageratifolia</i> (Sibth. & Sm.) Boiss.	18	Kuzmanov & Nikolova (1980); Kuzmanov, Georgieva & Nikolova (in press)
		<i>A. clusiana</i> Waldst. & Kit.	18	Kuzmanov & Kozuharov (1970, 1973)
		<i>A. clipeolata</i> Sibth. & Sm.	18	Kuzmanov & Kozuharov (1970, 1973)
		<i>A. coarctata</i> Poir.	36	Kuzmanov & Kozuharov (1970, 1973)
		<i>A. collina</i> I. Backer ex Reichenb.	36	Kuzmanov & Kozuharov (1970, 1973); Kuzmanov & Zdrakova (1989)

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
		<i>A. crithmifolia</i> Waldst. & Kit.	18	Kuzmanov & Kozuharov (1976); Jasiewicz & Mizianty (1975); Kuzmanov, Zdravkova & Geoergieva (1989)
		<i>A depressa</i> Janka	18	Kuzmanov & Kozuharov (1967); van Loon & van Setten (1982); Kuzmanov, Georgieva & Nikolova (1986, in press)
		<i>A. distans</i> Waldst. & Kit.	54	Kuzmanov, Zdravkova & Georgieva (1989)
		<i>A. grandifolia</i> Friv.	18	Kuzmanov, Jurukova & Georgieva (1990a)
		<i>A. millefolium</i> Waldst. & Kit.	36	van Loon, Georgieva & Nikolova (1986); Kuzmanov, Zdravkova & Georgieva (1989)
		<i>A. nobilis</i> L.	18	Kuzmanov & Kozuharov (1970, 1973); Kuzmanov, Georgieva & Nikolova (1986)
		<i>A. pannonica</i> Scheele	36, 72	Kuzmanov, Georgieva & Nikolova (1986); Kuzmanov & Zdravkova (1989)

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
		<i>A. serbica</i> Nym.	18	Kuzmanov & Georgieva (1977a); Kuzmanov, Georgieva & Nikolova (in press)
		<i>A. setacea</i> Waldst. & Kit.	18	Kuzmanov, Georgieva & Nikolova (1986); Kuzmanov Zdravkova & Georgieva (1989)
		<i>A. thracica</i> Velen.	18	Kuzmanov, Jurukova & Georgieva (1990a, in press)
	<i>Antennaria</i> Gaertner	<i>A. dioica</i> (L.) Gaertner	28	Kuzmanov & Kozuharov (1970, 1973)
	<i>Anthemis</i> L.	<i>A. altissima</i> L.	18	Kuzmanov & Georgieva (1977a); Kuzmanov, Thin & Georgieva (1980, 1981)
		<i>A. argyrophylla</i> (Halácsy & Georgiev) Velen.	36	Kuzmanov, Thin & Georgieva (1980, 1981)
		<i>A. arvensis</i> L.	18(27)	Jasiewicz & Mizianty (1975); Kuzmanov, Thin & Georgieva (1980, 1981)
		<i>A. auriculata</i> Boiss.	18	Kuzmanov, Thin & Georgieva (1980, 1981)
		<i>A. carpatica</i> Willd.	36	Kuzmanov, Thin & Georgieva (1980, 1981)
		<i>A. cotula</i> L.	18	Kuzmanov, Thin & Georgieva (1980, 1981)
		<i>A. cretica</i> L.	36	Kuzmanov, Thin & Georgieva (1980, 1981)
		<i>A. macedonica</i> Boiss. & Orph.	18	Kuzmanov, Thin & Georgieva (1980, 1981)

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
		<i>A. macrantha</i> Heuffel	18	Kuzmanov, Thin & Georgieva (1980, 1981)
		<i>A. montana</i> L.	36	Kuzmanov, Thin & Georgieva (1980, 1981)
		<i>A. orbelica</i> Pancic	18(27)	Kuzmanov, Thin & Georgieva (1980, 1981)
		<i>A. parnassica</i> (Boiss. & Heldr.) R. Fernandez	18	Kuzmanov, Thin & Georgieva (1980, 1981)
		<i>A. regis-borisii</i> Stoj. & Acht.	36	Kuzmanov, Thin & Georgieva (1980, 1981)
		<i>A. rumelica</i> (Vel.) Stoj. & Acht	36	Kuzmanov, Thin & Georgieva (1980, 1981)
		<i>A. ruthenica</i> Bieb.	18	Kuzmanov, Thin & Georgieva (1980, 1981)
		<i>A. sancti-johannis</i> Stoj., Stef. & Turrill	18	Kuzmanov, Thin & Georgieva (1980, 1981)
		<i>A. tenuiloba</i> (DC.) Stoj & Acht.	36	Kuzmanov, Thin & Georgieva (1980, 1981)
		<i>A. thracica</i> Stoj. & Acht.	18	Kuzmanov, Thin & Georgieva (1980, 1981)
		<i>A. tinctoria</i> L.	18	Kuzmanov & Kozuharov (1970); Kuzmanov (1975a); van Loon (1982); Kuzmanov, Thin & Georgieva (1981)
		<i>A. virescens</i> Velen.	18	Kuzmanov, Thin & Georgieva (1980, 1981)

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
	<i>Arctium</i> L.	<i>A. lappa</i> L.	36	Kuzmanov & Ancev (1973); Kuzmanov (1975a); Kuzmanov, Georgieva & Nikolova (1986,1991)
		<i>A. minus</i> Bernh.	36	Kuzmanov , Georgieva & Nikolova (1986, 1991), Kuzmanov, Georgieva, Nikolova & Penceva (1981)
		<i>A. tomentosum</i> Miller	36	Kuzmanov, Georgieva & Nikolova (1986, 1991)
	<i>Artemisia</i> L.	<i>A. absinthium</i> L.	18	Kuzmanov, Georgieva & Nikolova (1986, in press)
		<i>A. alba</i> Turra	36	Kuzmanov & Ancev (1973); Kuzmanov, Georgieva & Nikolova (1986)
		<i>A. annua</i> L.	18	Kuzmanov, Georgieva & Nikolova (1986)
		<i>A. austriaca</i> Jacq.	16	Kuzmanov, Georgieva & Nikolova (1986)
		<i>A. campestris</i> L.	36	Kuzmanov, Georgieva & Nikolova (1986)
		<i>A. eriantha</i> Ten.	18	Andreev (1982); Kuzmanov, Georgieva & Nikolova (1986)
		<i>A. lerchiana</i> Webber	18	Kuzmanov & Georgieva (1983)
		<i>A. pontica</i> L.	18	Kuzmanov, Georgieva & Nikolova (1986)

	Taxa		Somatic chromosome numbers	References
Families	Genera	Species		
		<i>A. santonicum</i> L.	36	Kuzmanov & Georgieva (1983)
		<i>A. scoparia</i> Waldst. & Kit.	16	Kuzmanov, Georgieva & Nikolova (1986)
		<i>A. vulgaris</i> L.	16	Kuzmanov, Georgieva & Nikolova (1986)
	<i>Aster</i> L.	<i>A. alpinus</i> L.	18	Andreev (1981); Kuzmanov, Georgieva & Nikolova (1986)
		<i>A. lynosiris</i> (L.) Benth.	36	Kuzmanov, Georgieva & Nikolova (1986)
		<i>A. tripolium</i> L.	18	Kuzmanov, Georgieva & Nikolova (1986)
	<i>Asteriscus</i> Miller	<i>A. aquaticus</i> (L.) Less.	14	Kuzmanov & Georgieva, (1983)
	<i>Bellis</i> L.	<i>B. perennis</i> L.	18	Kuzmanov & Kozuharov (1970); Kuzmanov (1975a)
	<i>Carduus</i> L.	<i>C. acanthoides</i> L.	22	Kuzmanov & Georgieva (1976); Kuzmanov, Georgieva & Nikolova (1986, 1991)
		<i>C. crispus</i> L.	16	Kuzmanov, Georgieva & Nikolova (1986, 1991)
		<i>C. defloratus</i> L.	22	van Loon & van Setten (1982)
		<i>C. hamulosus</i> Ehrh.	22	Kuzmanov, Georgieva, Nikolova & Penceva (1981); Kuzmanov, Georgieva & Nikolova (1986, 1991)

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
		<i>C. kernerii</i> Simonkai	16	Kuzmanov, Georgieva, Nikolova & Penceva (1981, 1983); Kuzmanov & Georgieva (1983); Kuzmanov, Georgieva & Nikolova (1986, 1991)
		<i>C. personata</i> (L.) Jacq.	16,18	Kuzmanov & Georgieva (1980); Kuzmanov, Ninova, Georgieva, Nikolova & Penceva (1983); Kuzmanov, Georgieva & Nikolova (1991)
		<i>C. pycnocephalus</i> L.	32,54	Kuzmanov, Georgieva & Nikolova (1986, 1991)
		<i>C. scardicus</i> (Griesb.) Wettst.	22	Kuzmanov, Georgieva , Nikolova & Penceva (1981); Kuzmanov, Ninova, Georgieva, Nikolova & Penceva (1983); Kuzmanov, Georgieva & Nikolova (1991)
		<i>C. tmoleus</i> Griseb.	22	Kuzmanov, Ninova & Georgieva (1981); Kuzmanov, Ninova, Georgieva, Nikolova & Penceva (1983)

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
		<i>C. thoermeri</i> Weinm.	16	Kuzmanov, Georgieva & Nikolova (1986, 1991)
	<i>Carlina</i> L.	<i>C. acanthifolia</i> All.	20	Kuzmanov (1974); Cesmedziev (1986); Kuzmanov, Georgieva & Nikolova (1991)
		<i>C. corymbosa</i> L.	(18)20	Kuzmanov & Georgieva (1986); Kuzmanov, Georgieva & Nikolova (1991)
		<i>C. lanata</i> L.	20	Kuzmanov & Georgieva (1986); Kuzmanov, Georgieva & Nikolova (1986, 1991)
		<i>C. vulgaris</i> L.	20	Kuzmanov & Ancev (1973); Kuzmanov (1974); Kuzmanov & Georgieva (1991)
	<i>Carpesium</i> L.	<i>C. cernum</i> L.	40	Kuzmanov, Georgieva & Nikolova (1986)
	<i>Carthamus</i> L.	<i>C. dentatus</i> Vahl.	20	Hanelt (1963); Kuzmanov & Georgieva (1976); Kuzmanov, Georgieva & Nikolova (1986, 1991)
			40	Kuzmanov, Georgieva & Nikolova (1979, 1991)

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
		<i>C. lanatus</i> L.	44	Kuzmanov, Georgieva & Nikolova (1986, 1991)
	<i>Centaurea</i> L.	<i>C. affinis</i> Friv.	18	Kuzmanov Ninova & Georgieva (1979, 1981); Kuzmanov & Georgieva (1990)
		<i>C. alba</i> L.	18, 16	Kuzmanov & Georgieva (1977, 1990); Kuzmanov & Georgieva (1978)
			36	Kuzmanov & Georgieva (1977, 1990); Kuzmanov Georgieva & Nikolova (1986)
		<i>C. arenaria</i> Bieb. ex Willd.	36	Kuzmanov, Ninova & Georgieva (1979); Kuzmanov & Georgieva (1990)
		<i>C. atropurpurea</i> Waldst. & Kit.	18	Kozuharov, Popova & Kuzmanov (1968); Kuzmanov & Georgieva (1990)
		<i>C. calcitrapa</i> L.	20	Kuzmanov Georgieva & Nikolova (1986); Kuzmanov & Georgieva (199?)
		<i>C. cuneifolia</i> Sibth & Sm.	18	Kuzmanov & Georgieva (1990)
		<i>C. cyanus</i> L.	24	Kuzmanov & Georgieva (1990)
		<i>C. diffusa</i> Lam.	18	Kuzmanov, Ninova & Georgieva (1979, 1981); Kuzmanov & Georgieva (1990)

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
			36	Kuzmanov, Ninova & Georgieva (1979); Kuzmanov & Georgieva (1990)
		<i>C. iberica</i> Sprengel	20	Kuzmanov Georgieva & Nikolova (1986); Kuzmanov & Georgieva (1990)
		<i>C. immanuelis- loewii</i> Degen	20	Kuzmanov (1985); Kuzmanov & Georgieva (1990)
		<i>C. indurata</i> Janka	44	Kuzmanov, Georgieva & Nikolova (1986); Kuzmanov & Georgieva (1990)
		<i>C. jacea</i> L.	22	Kuzmanov, Ninova & Georgieva (1979); Kuzmanov, Georgieva & Nikolova (1986); Kuzmanov & Georgieva (1990)
		<i>C. kotschyana</i> Koch	20	Andreev (1979); Kuzmanov, Georgieva & Nikolova (1986); Kuzmanov & Georgieva (1990)
		<i>C. mannagettae</i> Podp.	20	Kuzmanov, Ninova, Georgieva, Nikolova & Penceva (1983); Kuzmanov (1990)
		<i>C. marshalliana</i> Sprengel	20	Kuzmanov & Georgieva (1983, 1990)

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
		<i>C. micranthos</i> Gmelin ex Hayek	18	Jasinski & Mizianty (1975); Kuzmanov & Georgieva (1976,1990); van Loon & van Setten (1982)
		<i>C. nervosa</i> Willd.	22	Kuzmanov & Georgieva (1983, 1986)
		<i>C. nigrescens</i> Willd.	44	Kuzmanov , Georgieva & Nikolova (1986); Kuzmanov & Georgieva (1990)
		<i>C. nyssana</i> Petrovic	20	Kuzmanov & Georgieva (1987, 1990)
		<i>C. orientalis</i> L.	20	Kuzmanov & Kozuharov (1970, 1973); Kuzmanov & Georgieva (1990)
			40	Kuzmanov & Georgieva (1990)
		<i>C. pannonica</i> (Heuffel) Simonkai	44	Kuzmanov , Georgieva & Nikolova (1986); Kuzmanov & Georgieva (1990)
		<i>C. parilica</i> Stoj & Stefanov	22	Kuzmanov & Georgieva (1987, 1990)
		<i>C. phrygia</i> L.	22	Kuzmanov & Georgieva (1990)
			44	Kuzmanov, Ninova & Georgieva (1979,1981); Kuzmanov & Georgieva (1990)
		<i>C. rocheliana</i> (Heuffel) Dostal	22	Kuzmanov, Ninova & Georgieva (1979); Kuzmanov & Georgieva (1990)

	Taxa		Somatic chromosome numbers	References
Families	Genera	Species		
		<i>C. rupestris</i> L.	20	Kuzmanov & Georgieva (1983); Kuzmanov, Georgieva & Nikolova (1986); Kuzmanov & Georgieva (1990)
		<i>C. rutifolia</i> Sibth. & Sm.	18	Kuzmanov, Ninova, Georgieva, Nikolova & Penceva (1983); Kuzmanov (1990)
		<i>C. salonitana</i> Vis.	20	Jasinski & Mizianty (1975); Kuzmanov & Georgieva (1977a, 1990); Kuzmanov, Ninova & Georgieva (1979)
		<i>C. solstitialis</i> L.	16,18	Jasinski & Mizianty (1975); Kuzmanov & Georgieva (1976, 1990); Kuzmanov, Ninova & Georgieva (1979, 1981)
		<i>C. stenolepis</i> A. Kenner	22	Kuzmanov & Georgieva (1977a, 1990)
		<i>C. stoebe</i> L.	18	Andreev (1981); Kuzmanov, Ninova & Georgieva (1981); Kuzmanov & Georgieva (1990)
			36	Kuzmanov & Georgieva (1977a); Kuzmanov, Ninova & Georgieva, (1981); Kuzmanov & Georgieva (1990)

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
		<i>C. tenuiflora</i> DC.	18	Kuzmanov & Georgieva (1976, 1990)
		<i>C. thracica</i> (Hanka) Hayek	18	Kolev & Ilieva (1972); Kuzmanov & Georgieva (1990)
		<i>C. triumfetti</i> All.	22,20	Cesmedziev (1976); Kuzmanov, Ninova & Georgieva (1981); Kuzmanov & Georgieva (1990)
	<i>Cephalorrhynchus</i> Boiss.	<i>C. tuberosus</i> (Steven) Scchian	18	Kuzmanov & Georgieva (1983)
	<i>Chondrilla</i> L.	<i>Ch. juncea</i> L.	(15)	Kuzmanov & Ancev (1973); Kuzmanov, Georgieva & Nikolova (in press)
		<i>Ch. urumoffii</i> Deg.	10	Kuzmanov & Georgieva (1983); Kuzmanov, Georgieva & Nikolova (in press)
	<i>Cicerbita</i> Wallr.	<i>C. alpina</i> (L.) Wallr.	18	van Loon & van Setten (1982); Kuzmanov, Georgieva & Nikolova (1986)
	<i>Cichorium</i> L.	<i>C. intybus</i> L.	18	Kuzmanov & Kozuharov (1976); Kuzmanov (1975a)
	<i>Cirsium</i> Miller.	<i>C. appendiculatum</i> Griseb.	68	Kuzmanov & Ancev (1973); Kuzmanov, Georgieva & Nikolova (1991)

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
		<i>C. arvense</i> (L.) Scop.	34, 68	Kuzmanov, Georgieva, Nikolova & Panceva (1981); Kuzmanov, Georgieva & Nikolova (1991)
		<i>C. bulgaricum</i> DC.	68 (30)	Kuzmanov, Ninova & Georgieva (1981) Kuzmanov, Ninova, Georgieva, Nikolova & Penceva (1983); Kuzmanov , Georgieva & Nikolova (1991)
		<i>C. candelabrum</i> Griseb.	34	Kuzmanov, Georgieva, Nikolova & Panceva (1981); Kuzmanov, Georgieva & Nikolova (1991)
		<i>C. cannum</i> (L.) All.	34	Kuzmanov & Ancev (1973); Kuzmanov, Georgieva & Nikolova (1991)
		<i>C. creticum</i> (Lam.) D'Urv.	34	Kuzmanov, Georgieva & Nikolova (1979, 1991)
		<i>C. heterotrichum</i> Pancic	34	Kuzmanov & Georgieva (1983); Kuzmanov, Georgieva & Nikolova (1991)
		<i>C. italicum</i> (Savi) DC.	34	Kuzmanov (1985); Kuzmanov, Georgieva & Nikolova (1991)
		<i>C. ligulare</i> Boiss.	34	Kuzmanov, Georgieva & Nikolova (1991)

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
			68	Kuzmanov, Georgieva , Nikolova & Penceva (1981) Kuzmanov & Georgieva (1991); Kuzmanov, Ninova, Georgieva, Nikolova & Panceva (1983)
		<i>C. pannonicum</i> (L. fil) Link	34	Kuzmanov, Georgieva & Nikolova (1986, 1991)
		<i>C. stojanovii</i> Kuzm.	34	Kuzmanov (1988); Kuzmanov, Georgieva & Nikolova (1991)
		<i>C. vulgare</i> (Savi) Ten.	34	Kuzmanov , Georgieva & Nikolova (1991)
			68	Kuzmanov , Georgieva, Nikolova & Penceva (1981); Kuzmanov & Georgieva (1991)
	<i>Cnicus</i> L.	<i>C. benedictus</i> L.	22	Kuzmanov & Nikolova (1980); Kuzmanov, Georgieva & Nikolova (1991)
	<i>Crepis</i> L.	<i>C. biennis</i> L.	40 (36)	Kuzmanov, Georgieva, Nikolova & Penceva (1981); van Loon & van Setten (1982)
		<i>C. bithynica</i> Boiss.	10	Kuzmanov & Kozuharov (1970); Kuzmanov (1975a)
		<i>C. conyzifolia</i> (Gouan) Dalla Torre	8	Kuzmanov, Georgieva, Nikolova & Penceva (1981)

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
		<i>C. foetida</i> L.	10	Babcock (1947); Kuzmanov & Kozuharov (1970); Kuzmanov (1975a); Kuzmanov & Nikolova (1977, 1980); van Loon & van Setten (1982)
		<i>C. mollis</i> (Jacq.) Aschers.	12	Kuzmanov, Georgieva, Nikolova & Penceva (1981)
		<i>C. nicaensis</i> Balbis	8	Kuzmanov, Georgieva, Nikolova & Penceva (1981)
		<i>C. pulchra</i> L.	8	Kuzmanov, Georgieva, Nikolova & Penceva (1981)
		<i>C. sancta</i> (L.) Babcock	10	Kuzmanov & Jurukova (1977) Kuzmanov, Georgieva, Nikolova & Penceva (1981); Jurukova (1983a), Kuzmanov, Jurukova & Georgieva (in press, a)
		<i>C. schachtii</i> Babcock	10	Babcock (1947); Kuzmanov & Georgieva (1983)
		<i>C. setosa</i> Haller fil.	8	Kuzmanov & Nikolova (1976); van Loon & van Setten (198?)
		<i>C. stojanovii</i> Georgiev	8	Babcock (1947)
		<i>C. tectorum</i> L.	8	Kuzmanov, Georgieva, Nikolova & Penceva (1981)

	Taxa		Somatic chromosome numbers	References
Families	Genera	Species		
		<i>C. viscidula</i> Froelich	12	Kuzmanov, Georgieva, Nikolova & Penceva (1981)
		<i>C. zacynta</i> (Gaertner) Babcock	6	Kuzmanov & Kozuharov (1970); Kuzmanov (1975a); Jurukova- Grancarova (1983a)
	<i>Crupina</i> (Pers.) Cass.	<i>C. crupinastrum</i> (Moris) Vis.	18	Kuzmanov & Georgieva, Nikolova, (1986, 1991)
		<i>C. vulgaris</i> Cass.	30	Kuzmanov & Georgieva (1977b); Kuzmanov, Georgieva & Nikolova (1986)
	<i>Doronicum</i> L.	<i>D. austriacum</i> Jacq.	60	Kuzmanov & Ancev (1973)
		<i>D. columnae</i> Ten.	60	Kuzmanov & Georgieva (1983)
		<i>D. hungaricum</i> Rchb.	60	Kuzmanov, Georgieva & Nikolova (1986)
	<i>Echinops</i> L.	<i>E. ritro</i> L.	32	Kuzmanov & Kozuharov (1970); Kuzmanov, Georgieva & Nikolova (1986)
		<i>E.</i> <i>spaherocephalus</i> L.	30	Kuzmanov, Georgieva & Nikolova (1991)
	<i>Erigeron</i> L.	<i>E. acer.</i> L.	18	Kuzmanov, Georgieva & Nikolova (1986)
		<i>E. alpinus</i> L.	18	Kuzmanov, Georgieva & Nikolova (1986))
		<i>E. glabratus</i> Bluff.	36	Kuzmanov & Georgieva (1983)

	Taxa		Somatic chromosome numbers	References
Families	Genera	Species		
		<i>E. uniflorus</i> L.	18	Kuzmanov, Georgieva & Nikolova, (1986)
	<i>Eupatorium</i> L.	<i>E. cannabinum</i> L.	20	Kuzmanov (1975a, 1975b)
	<i>Filaginella</i> Opiz.	<i>F. uliginosa</i> (L.) Opiz.	14	Kuzmanov, Georgieva & Nikolova (1986)
	<i>Filago</i> L.	<i>F. vulgaris</i> Lam.	28	Kuzmanov & Georgieva (1980); Kuzmanov, Georgieva & Nikolova, (in press)
	<i>Gnaphalium</i> L.	<i>G. luteo-album</i> L.	14	Kuzmanov, Georgieva & Nikolova, (1986)
	<i>Hedypnois</i> Miller	<i>H. cretica</i> (L.) Dum- Curset	12	Kuzmanov, Georgieva & Nikolova (1986)
	<i>Helichrysum</i> Miller	<i>H. arenarium</i> (L.) Moench.	28	Kuzmanov, Georgieva & Nikolova (1986)
	<i>Homogyne</i> Cass.	<i>H. alpina</i> (L.) Cass.	120	Kuzmanov, Georgieva & Nikolova (1986)
	<i>Hypochoeris</i> L.	<i>H. cretensis</i> (L.) Bory & Chaub.	6	Kuzmanov, Georgieva, Nikolova & Penceva (1981); Kuzmanov & Jurukova (in press, a)
		<i>H. glabra</i> L.	10	Kuzmanov, Georgieva, Nikolova & Penceva (1981); Kuzmanov & Jurukova (in press, a)
		<i>H. maculata</i> L.	10	Kuzmanov & Nikolova (1980); Kuzmanov, Jurukova & Georgieva (in press, a)

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
		<i>H. radicata</i> L.	8	Kuzmanov & Kozuharov (1970); Kuzmanov (1975a); van Loon & de Jong (1978); van Loon & van Setten (1982)
	<i>Inula</i> L.	<i>I. aschersoniana</i> Janka	16	Kuzmanov & Nikolova (1977); Kuzmanov, Georgieva & Nikolova, (in press)
		<i>I. aspera</i> Poir.	16, 18	Kuzmanov & Kozuharov (1970, 1973)
		<i>I. bifrons</i> L.	16	Kuzmanov & Georgieva (1983)
		<i>I. britanica</i> L.	16	Kuzmanov & Kozuharov (1970); Kuzmanov, Georgieva & Nikolova (in press)
			32	Kuzmanov & Nikolova (1977)
		<i>I. conyza</i> L.	32	Kuzmanov & Kozuharov (1970, 1973); Kuzmanov, Georgieva & Nikolova (in press)
		<i>I. ensifolia</i> L.	16	Kuzmanov & Nikolova (1977); Kuzmanov, Georgieva & Nikolova (in press)
		<i>I. germanica</i> L.	16	Kuzmanov & Ancev (1973); Kuzmanov (1975a)

Taxa			Somatic chromosome numbers	References
Families	Genera	Species		
		<i>I. helenium</i> L.	20	Kuzmanov, Georgieva, Nikolova & Penceva (1981); Kuzmanov & Georgieva (in press)
		<i>I. oculus-christii</i> L.	32	Kuzmanov & Nikolova (1977); Kuzmanov, Georgieva & Nikolova (in press)
		<i>I. salicina</i> L.	16	Kuzmanov & Nikolova (1977); Kuzmanov, Georgieva & Nikolova (in press)
	<i>Jurinea</i> Cass.	<i>J. albicaulis</i> Bunge.	30	Kuzmanov & Ancev (1973); Kuzmanov (1975a); Kuzmanov, Georgieva & Nikolova (1991)
		<i>J. consanguinea</i> DC.	30	Kuzmanov & Georgieva (1977b); Kuzmanov, Georgieva & Nikolova (1991)
		<i>J. mollis</i> L.	30	Kuzmanov & Kozuharov (1967); Kuzmanov, Georgieva & Nikolova (1991)
		<i>J. stoechadifolia</i> (Bieb.)DC.	32	Kuzmanov, Jurukova & Georgieva (1990); Kuzmanov, Georgieva & Nikolova (1991); Kuzmanov, Jurukova & Georgieva (in press, a)

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
		<i>J. tzar-ferdinandii</i> Davidov	30	Kuzmanov, Georgieva & Nikolova (1986, 1991)
	<i>Lactuca</i> L.	<i>L. perennis</i> L.	18	Kuzmanov, Georgieva & Nikolova (1986)
		<i>L. quercina</i> L.	18	Kuzmanov, Georgieva & Nikolova (1986)
		<i>L. saligna</i> L.	18	Jasiewicz & Mizianty (1975); Kuzmanov, Georgieva & Nikolova (1986, in press)
		<i>L. serriola</i> L.	18	Jasiewicz, Mizianty (1975); Kuzmanov & Georgieva (1980); Kuzmanov, Georgieva & Nikolova (in press)
		<i>L. tatarica</i> (L.) C. A. Meyer	16	Kuzmanov, Georgieva, Nikolova & Penceva (1981)
		<i>L. viminea</i> (L.) Presl	18	Kuzmanov & Georgieva (1980); Kuzmanov, Georgieva & Nikolova (in press)
	<i>Lapsana</i> L.	<i>L. communis</i> L.	16	Kuzmanov & Georgieva (1977a); Kuzmanov, Georgieva & Nikolova (in press)
	<i>Leontodon</i> L.	<i>L. autumnalis</i> L.	12	Kuzmanov & Georgieva (1976); Kuzmanov, Jurukova & Georgieva (in press, a)

Taxa	Somatic chromosome numbers	References
<i>Families</i>	<i>Genera</i>	<i>Species</i>
		<i>L. cichoraceus</i> (Ten.) Sanguinetti
		12
		Kuzmanov, Georgieva, Nikolova & Penceva (1981), Kuzmanov & Jurukova (in press, a)
		<i>L. crispus</i> Vill.
		8
		Kuzmanov (1974); Jurukova (1978); van Loon & van Setten (1982); Kuzmanov, Jurukova & Georgieva (in press, a)
		<i>L. hispidus</i> L.
		14
		Kuzmanov & Georgieva (1976); Jurukova (1978); van Loon & van Setten (1982); Kuzmanov, Jurukova & Georgieva (in press, a)
		<i>L. rilaensis</i> Hayek
		12 (14)
		Kozuharov & Kuzmanov (1964b); Kuzmanov & Jurukova (1990, in press, a)
<i>Leucanthemum</i> Miller	<i>L. pallens</i> (Gay) DC.	54
		Kuzmanov, Ninova & Kestenova (1980); Kuzmanov, Georgieva & Kestenova (1988); van Loon & van Setten (1982)

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
		<i>L. precox</i> (Horvatic) Horvatic	18	Kuzmanov & Kozuharov (1970,1973); Kuzmanov, Ninova & Kestenova (1980); Kuzmanov, Georgieva & Kestenova (1988)
		<i>L. vulgare</i> Lam.	36	Kuzmanov, Ninova & Kestenova (1980); Kuzmanov, Georgieva & Kestenova (1988)
	<i>Logfia</i> Cass.	<i>L. arvensis</i> (L.) Holub	28	Kuzmanov, Georgieva & Nikolova (1986)
		<i>L. gallica</i> (L.) Cass.	28	Kuzmanov & Georgieva (1983)
		<i>L. minima</i> (Sm.) Dumort.	28	Kuzmanov, Georgieva & Nikolova (1986)
	<i>Matricaria</i> L.	<i>M. recutita</i> L.	18	Kuzmanov, Georgieva & Nikolova (1986); Peneva, Kuzmanov & Gluchceva (1988); Kuzmanov, Georgieva & Nikolova (in press)
	<i>Mycelis</i> Cass.	<i>M. muralis</i> (L.) Dumort.	18	Kuzmanov & Georgieva (1986); Kuzmanov, Georgieva & Nikolova (in press)

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
	<i>Omalotheca</i> Cass.	<i>O. supina</i> (L.) DC.	28	Kuzmanov, Georgieva & Nikolova (1986)
		<i>O. sylvatica</i> (L.) Schultz-Bip. et F.W. Schultz	28	Kuzmanov, Georgieva & Nikolova (1986)
			56	Kuzmanov & Kozuharov (1970, 1973)
	<i>Onopordum</i> L.	<i>O. acanthum</i> L.	34	Kuzmanov, Georgieva & Nikolova (1979, 1991)
		<i>O. illyricum</i> L.	34	Kuzmanov, Georgieva & Nikolova (1979, 1991)
		<i>O. tauricum</i> Willd.	34	Kuzmanov & Georgieva (1983); Kuzmanov, Georgieva & Nikolova (1991)
	<i>Othanthus</i> Hoffmans. & Link	<i>O. maritimus</i> (L.) Hoffmans. & Link	18	Kozuharov & Kuzmanov (1965b)
	<i>Pallenis</i> (Cass.) Cass.	<i>P. spinosa</i> (L.) Cass.	10	Cesmedziev (1976)
	<i>Petasites</i> Miller	<i>P. albus</i> (L.) Gaertner	60	Kuzmanov, Georgieva & Nikolova (1986)
		<i>P. hybridus</i> (L.) Gaertner & Meyer et Shreb.	60	Cesmedziev (1976); Kuzmanov, Georgieva & Nikolova (1986)
		<i>P. kablikianus</i> Tausch ex Berchtold	60	Kuzmanov (1975b)
	<i>Picnomon</i> Adamson	<i>P. acarna</i> (L.) Moench	32(34)	Kuzmanov, Georgieva & Nikolova (1979, 1991); Kuzmanov & Nikolova (1980)

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
	<i>Picris</i> L.	<i>P. echioides</i> L.	10	Kuzmanov & Kozuharov (1970); Kuzmanov (1975a)
		<i>P. hieracioides</i> L.	10	Kuzmanov & Georgieva (1977a); Kuzmanov, Jurukova & Georgieva (in press, a)
		<i>P. pauciflora</i> Willd.	10	Kuzmanov, Georgieva & Nikolova (1986)
		<i>P. sprengeriana</i> (L.) Poiret	10	Kuzmanov, Georgieva & Nikolova (1986)
	<i>Prenanthes</i> L.	<i>P. purpurea</i> L.	18	Kuzmanov & Kozuharov (1967); Kuzmanov, Georgieva & Nikolova (in press)
	<i>Ptilostemon</i> Cass.	<i>P. afer</i> (Jacq.) , Greuter	32 (34)	Kuzmanov & Kozuharov (1970; Kuzmanov (1974); Kuzmanov, Georgieva & Nikolova (1991)
	<i>Pulicaria</i> Gaertner	<i>P. dysenterica</i> L.	18	Kuzmanov & Georgieva (1980)
		<i>P. uliginosa</i> Steven ex DC.	18	Kuzmanov & Kozuharov (1970, 1973)
	<i>Rhagadiolus</i> Zinn	<i>R. stellatus</i> DC.	10	Kuzmanov & Nikolova (1980); Kuzmanov, Jurukova & Georgieva (in press, a)

	Taxa		Somatic chromosome numbers	References
Families	Genera	Species		
	<i>Scolymus</i> L.	<i>S. hispanicus</i> L.	20	Kuzmanov & Georgieva (1980); Kuzmanov, Georgieva & Nikolova (in press, a)
		<i>S. maculatus</i> L.	20	Kuzmanov & Nikolova (1980); Kuzmanov, Georgieva & Nikolova (1986, 1991)
	<i>Scorzonera</i> L.	<i>S. austriaca</i> Willd.	14	Kuzmanov, Georgieva & Nikolova (1986)
		<i>S. cana</i> (C. A. Meyer) O. Hoffm.	14	Kuzmanov & Georgieva (1983); Kuzmanov, Jurukova & Georgieva (in press, a)
		<i>S. hispanica</i> L.	14	Kuzmanov & Ancev (1973); Kuzmanov, Jurukova & Georgieva (in press, a)
		<i>S. lacinata</i> L.	14	Kuzmanov & Kozuharov (1970); Kuzmanov, Jurukova & Georgieva (in press, a)
		<i>S. mollis</i> Bieb.	14	Kuzmanov, Georgieva, Nikolova & Penceva (1981); Kuzmanov & Jurukova (in press, a)
		<i>S. parviflora</i> Jacq.	14	Kuzmanov, Georgieva & Nikolova (1986)

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
		<i>S. purpurea</i> L.	(12)14	Kuzmanov & Georgieva(1980); Kuzmanov, Jurukova & Georgieva (1990, in press, a)
	<i>Senecio</i> L.	<i>S. abrotanifolius</i> L.	40	Kuzmanov, Georgieva & Nikolova (1986)
		<i>S. aquaticus</i> Hill	40	Kuzmanov & Kozuharov (1970, 1973)
		<i>S. erucifolius</i> L.	40	Kuzmanov, Georgieva & Nikolova (1986)
		<i>S. gallicus</i> Chaix	20	van Loon & van Setten (1982)
		<i>S. jacobaea</i> L.	20	Kuzmanov, Georgieva & Nikolova (1979)
			40	Kuzmanov & Kozuharov (1970); Kuzmanov, Georgieva & Nikolova (in press)
		<i>S. macedonicus</i> Griseb.	40	Kuzmanov & Georgieva (1983); Kuzmanov, Georgieva & Nikolova (in press)
		<i>S. nemorensis</i> L.	40	Kuzmanov, Georgieva & Nikolova (1979, in press)
		<i>S. palludosus</i> L.	40	Kuzmanov, Georgieva & Nikolova (1986)
		<i>S. pancicii</i> Degen	100	Kozuharov & Kuzmanov (1964b)

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
		<i>S. papposus</i> (Reichenb.) Less	40(48)	Kuzmanov, Georgieva & Nikolova (1979, in press)
		<i>S. squallidus</i> L.	20	Kuzmanov, Georgieva & Nikolova (1986, in press)
		<i>S. vernalis</i> Waldst. & Kit.	20	Kuzmanov, Georgieva & Nikolova (1979, in press)
		<i>S. viscosus</i> L.	40	Kuzmanov, Georgieva & Nikolova (1986, in press)
		<i>S. vulgaris</i> L.	40	Kuzmanov, Georgieva & Nikolova (1986)
	<i>Serratula</i> L.	<i>S. radiata</i> (Waldst. & Kit.) Bieb.	30	Kuzmanov, Georgieva & Nikolova (1986)
		<i>S. tinctoria</i> L.	22	Kuzmanov & Georgieva (1980); Kuzmanov, Georgieva & Nikolova (1986)
	<i>Silybum</i> Adamson	<i>S. marianum</i> (L.) Gaertner	34	Kuzmanov, Georgieva, Nikolova & Penceva (1981); Kuzmanov & Georgieva (1991)
	<i>Solidago</i> L.	<i>S. virgaurea</i> L.	18	Kuzmanov, Georgieva, Nikolova & Penceva (1981); Kuzmanov & Georgieva (1991)
	<i>Sonchus</i> L.	<i>S. arvensis</i> L.	32 ,36	Kuzmanov, Georgieva & Nikolova (1986, in press)

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
		<i>S. asper</i> (L.) Hill	18	Kuzmanov & Georgieva (1976); Kuzmanov, Georgieva & Nikolova , (in press)
			36	Kuzmanov & Georgieva (1980); Kuzmanov, Georgieva & Nikolova (in press)
		<i>S. oleraceus</i> L.	32	Kuzmanov & Kozuharov (1970); Kuzmanov, Georgieva & Nikolova (in press)
		<i>S. palustris</i> L.	18	Kuzmanov, Georgieva & Nikolova (1986)
	<i>Tanacetum</i> L.	<i>T. corymbosum</i> (L.) Schultz-Bip.	18	Kuzmanov, Nikolova (1980); Kuzmanov, Georgieva & Nikolova (in press)
		<i>T. macrophyllum</i> (Walldst & Kit.) Schultz Bip	18	Kuzmanov, Georgieva, Nikolova & Penceva (1981); Kuzmanov, Georgieva & Nikolova (in press)
		<i>T. millefolium</i> (L.) Tzvelev	18	Kuzmanov & Nikolova (1980); Kuzmanov, Georgieva & Nikolova (in press)
		<i>T. parthenium</i> (L.) Schultz Bip.	18	Kuzmanov, Georgieva & Nikolova (1986)

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
		<i>T. vulgare</i> L.	18	Kuzmanov & Kozuharov (1970, 1973)
	<i>Taraxacum</i> L.	<i>T. bulgaricum</i> van Svest.	16	
		<i>T. nigricans</i> (Kit.) Reichen.	(24)	van Loon & van Setten (1982)
		<i>T. serotinum</i> (Walldst. & Kit.) Poir.	16	van Loon & van Setten (1982)
	<i>Telekia</i> Baumg	<i>T. speciosa</i> (Shreber)n Baumg	20	Kuzmanov, Georgieva & Nikolova (1986)
	<i>Tolpis</i> Adamson	<i>T. barbata</i> (L.) Gaertner	18	Kuzmanov, Georgieva & Nikolova (1986)
	<i>Tragopogon</i> L.	<i>T. balcanicus</i> Velen.	12	Kozuharov & Kuzmanov (1968d); Kuzmanov, Kozuharov & Simeonov (1973)
		<i>T. dubius</i> Scop.	12	Kozuharov & Kuzmanov (1968d); Kuzmanov, Kozuharov & Simeonov (1973)
		<i>T. orientalis</i> L.	12	Kozuharov & Kuzmanov (1968d); Kuzmanov, Kozuharov & Simeonov (1973)
		<i>T. porrifolius</i> L.	12	Chavdarov & Georgieva (1973); Kuzmanov, Georgieva & Nikolova (1986)
		<i>T. pratensis</i> L.	12	Kozuharov & Kuzmanov (1968d); Kuzmanov, Kozuharov & Simeonov (1973); van Loon & van Setten (1982)

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
		<i>T. pterodes</i> Pancic	12	Kozuharov & Kuzmanov (1968d); Kuzmanov, Kozuharov & Simeonov (1973)
		<i>T. samaritani</i> Heldr. & Sart.	12	Kuzmanov, Georgieva , Nikolova & Penceva (1981); Kuzmanov & Jurukova (in press, a)
	<i>Tripleurospermum</i> Schultz Bip.	<i>T. caucasicum</i> (Willd.)Heyek	18	Kuzmanov & Georgieva (1983)
		<i>T. inodorum</i> (L.) Schultz Bip.	36	Kuzmanov & Georgieva (1980); Kuzmanov, Georgieva & Nikolova (in press)
		<i>T. tenuifolium</i> (Kit.) Simonkai	18	Jasiewicz & Mizianty (1975); Kuzmanov, Georgieva & Nikolova (1979, in press); van Loon & van Setten (1982)
	<i>Tussilago</i> L.	<i>T. farfara</i> L.	60	Kuzmanov, Georgieva & Nikolova, (1986)
	<i>Tyrimnus</i> Cass.	<i>T. leucographus</i> (L.) Cass.	34	Kuzmanov & Nikolova (1980); Kuzmanov & Georgieva (1983); Kuzmanov, Georgieva & Nikolova (1991)
	<i>Urospermum</i> Scop.	<i>U. picroides</i> (L.) Scop. ex F. W. Schmidt	10	Kuzmanov & Jurukova (1977); Jurukova (1983b); Kuzmanov, Jurukova & Georgieva (in press, a)

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
	<i>Xeranthemum</i> L.	<i>X. annuum</i> L.	12	van Loon & van Setten (1982); Kuzmanov, Georgieva & Nikolova , (1986, 1991)
		<i>X. inapertum</i> (L.) Miller	20	Kuzmanov & Kozuharov (1970, 1973); Kuzmanov, Georgieva & Nikolova (1991)
<i>Berberidaceae</i>	<i>Berberis</i> L.	<i>B. vulgaris</i> L.	28	M. Markova & Goranova (1987)
	<i>Epimedium</i> L.	<i>E. pubigerumu</i> (DC.)Morren & Decne	12	M. Markova (1968a)
	<i>Leontice</i> L.	<i>L. leontopetalum</i> L.	16	M. Markova (1969)
<i>Borraginaceae</i>	<i>Alkanna</i> Tausch	<i>A. primuliflora</i> Griseb.	20	M. Markova & P. Ivanova (1974)
		<i>A. stribrnyi</i> Velen.	20	M. Markova (1983a)
	<i>Anchusa</i> L.	<i>A. barrelieri</i> (All.) Witman	36	M. Markova (1983a, 1986,1989)
		<i>A. italica</i> Retz.	32	M. Markova & P. Ivanova (1971b)
		<i>A. leptophylla</i> Roemer & Schultes	16	M. Markova (1983a)
			32	M. Markova (1986, 1989)
		<i>A. ochroleuca</i> Bieb.	16	M. Markova (1983a)
		<i>A. officinalis</i> L.	16	M. Markova & P. Ivanova (1972, 1973, 1975); van Loon & van Setten (1982)
		<i>A. stylosa</i> Bieb.	16	M. Markova (1983a)
		<i>A. thessala</i> Boiss. et Spruner	12	M. Markova (1983a)
	<i>Aspertugo</i> L.	<i>A. procumbens</i> L.	48	M. Markova & P. Ivanova (1973)
	<i>Cynoglossum</i> L.	<i>C. creticum</i> Mill.	24	M. Markova (1983a)

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
		<i>C. hungaricum</i> Simonkai	24	M. Markova & P. Ivanova (1971b)
		<i>C. officinale</i> L.	24	M. Markova (1986, 1989)
	<i>Echium</i> L.	<i>E. italicum</i> L.	16	M. Markova & P. Ivanova (1971b)
		<i>E. russicum</i> J. F. Gmelin	(24)	M. Markova (1983a)
		<i>E. vulgare</i> L.	32	van Loon & van Setten (1982)
	<i>Helitropium</i> L.	<i>H. europaeum</i> L.	48	M. Markova & P. Ivanova (1971b)
		<i>H. suaveolens</i> Bieb.	16	M. Markova (1983b)
	<i>Lappula</i> Gillib.	<i>L. barbata</i> (Bieb.) Gurke	48	M. Markova (1983a)
		<i>L. marginata</i> (Bieb.) Gurke	48	M. Markova (1983a)
		<i>L. squarrosa</i> (Retz.) Dumort.	48	van Loon & van Setten (1982)
	<i>Lithospermum</i> L.	<i>L. apulum</i> Vahl	28	M. Markova & P. Ivanova (1974)
		<i>L. arvense</i> L.	28	M. Markova & P. Ivanova (1974)
			42	M. Markova & P. Ivanova (1974)
		<i>L. purpureocaeruleum</i> L.	16	M. Markova & P. Ivanova (1971a, 1972)
	<i>Nonnea</i> Medicus	<i>N. pulla</i> (L.) DC.	60	M. Markova & P. Ivanova (1973, 1975)
	<i>Onosma</i> L.	<i>O. heterophylla</i> Griseb	26	Grau (1971); M. Markova & P. Ivanova (1973)
		<i>O. tubiflora</i> Velen.	26	M. Markova & P. Ivanova (1973)
		<i>O. visiani</i> G. C. Clementi	18	Grau (1971)
	<i>Pulmonaria</i> L.	<i>P. officinalis</i> L.	16	M. Markova & P. Ivanova (1974)
		<i>P. rubra</i> Schott.	14	M. Markova & P. Ivanova (1970)

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
	<i>Symphytum</i> L.	<i>S. officinale</i> L.	48(54)	M. Markova & P. Ivanova (1970, 1974); Peev (1975b)
		<i>S. orientale</i> L.	32	M. Markova (1983b)
		<i>S. ottomanum</i> Friv.	20	M. Markova & P. Ivanova (1970)
		<i>S. tuberosum</i> L.	64, 72	M. Markova (1983b); M. Markova & P. Ivanova (1970)
	<i>Trachystemon</i> D. Don	<i>T. orientale</i> (L.) G. Don fil.	56	M. Markova (1970a)
<i>Brassicaceae</i>	<i>Aetionema</i> R. Br.	<i>A. saxatile</i> (L.) R. Br.	24	Ancev (1976a)
	<i>Alyssoides</i> Miller	<i>A. bulgarica</i> (Sagorski) Assenov	16	Cesmedziev(1976); Ancev (1974b)
		<i>A. graeca</i> (Reuter) Jav.	16	Cesmedziev (1976)
	<i>Alyssum</i> L.	<i>A. alyssoides</i> (L.) L.	32	Ancev (1975b, 1983); van Loon & van Setten (1982)
		<i>A. bertolonii</i> Desv.	16	Ancev & Dudley (1981)
		<i>A. corymbosoides</i> Form.	32	Ancev & Dudley (1981)
		<i>A. desertorum</i> Stapf.	32	Ancev (1975b, 1983)
		<i>A. hirsutum</i> Bieb.	46	Ancev & Dudley (1981); Ancev (1984)
		<i>A. minus</i> (L.) Rothm.	16	Ancev (1975b)
		<i>A. minutum</i> Schlecht. ex DC.	16	Ancev (1975b, 1983); Ancev & Dudley (1981)
		<i>A. montanum</i> L.	32	Ancev (1978a); Ancev & Dudley (1981)
		<i>A. murale</i> Walldst. & Kit.	16	Ancev & Dudley (1981); van Loon & van Setten (1982)

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
		<i>A. obtusifolium</i> Stev.	32	Ancev & Dudley (1981)
		<i>A. pulvinare</i> Velen.	32	Ancev & Dudley (1981)
		<i>A. repens</i> Baumg.	48	Ancev (1978a)
		<i>A. saxatile</i> L.	16	Jasiewicz & Mizianty (1975); Ancev (1978a); van Loon & van Setten (1982)
			(24)	Ancev (1976a)
		<i>A. strygosum</i> Banks & Solander	16	Ancev & Dudley (1981)
		<i>A. tortuosum</i> Willd.	32	Ancev (1976a); Ancev & Dudley (1981)
		<i>A. umbellatum</i> Desv.	14, 16	Ancev (1978a, 1984a); Ancev & Dudley (1981)
	<i>Arabis</i> L.	<i>A. allioni</i> DC.	16	Andreev (1982)
		<i>A. alpina</i> L.	16	Peev (1975b)
		<i>A. ferdinandii- coburgi</i> J. Kellerer & Sund.	18	Ancev (1981)
		<i>A. hirsuta</i> L.	16	Burdet (1967); van Loon & van Setten (1982); Ancev (1982)
		<i>A. procurrens</i> Walldst. & Kit.	16 (24)	Burdet (1967)
		<i>A. sagitata</i> (Bertol.)DC.	12, 16	Ancev (1981, 1982)
		<i>A. turrita</i> L.	16	Ancev (1982)
	<i>Aubretia</i> Adamson	<i>A. columnae</i> Guss.	16	Ancev (1978a)
		<i>A. gracilis</i> Boiss.	16	Ancev (1978a)
		<i>A. intermedia</i> Boiss.	16	Ancev (1978a)
	<i>Barbarea</i> R. Br.	<i>B. bracteosa</i> Guss.	16	Ancev (1981)
		<i>B. vulgaris</i> R. Br.	16	Ancev (1981, 1983)
	<i>Berteroa</i> DC.	<i>B. incana</i> (L.) DC.	16	Ancev (1981); van Loon & van Setten (1982)

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
		<i>B. mutabilis</i> (Vent.)DC.	16	Ancev (1981)
	<i>Brassica</i> L.	<i>B. jordanovii</i> O. E. Schulz	22	Krusheva (1975)
		<i>B. nigra</i> (L.) Koch	16	Ancev (1982)
		<i>B. rapa</i> L.	20	Ancev (1978a)
	<i>Calepina</i> Adamson	<i>C. irregularis</i> (Asso) Thell.	16	Ancev (1983a)
	<i>Camelina</i> Crantz.	<i>C. sativa</i> (L.) Crantz.	26	Ancev (1981)
	<i>Cardamine</i> L.	<i>C. bulbifera</i> (L.) Crantz	96	Ancev (1982)
		<i>C. hirsuta</i> L.	16	Ancev (1981); Andreev (1983a)
		<i>C. rivularis</i> Schurr	16	Kuzmanov & Kozuharov (1969a)
	<i>Cardaminopsis</i> (C. A. Meyer) Hayek	<i>C. arenosa</i> (L.) Hayek	16	van Loon & van Setten (1982)
	<i>Cardaria</i> Desv.	<i>C. draba</i> (L.) Desv.	62,64	Ancev (1981, 1983a)
	<i>Crambe</i> L.	<i>C. maritima</i> L.	30	Kozuharov & Petrova (1976); Ancev (1981)
	<i>Descurainia</i> Webb & Berth.	<i>D. sophia</i> (L.) Webb	28	Ancev (1981, 1983a)
	<i>Diplotaxis</i> DC.	<i>D. muralis</i> (L.) DC.	42	Ancev (1981, 1983a)
		<i>D. tenuifolia</i> (L.) DC.	42	Ancev (1981)
	<i>Draba</i> L.	<i>D. lasiocarpa</i> Koch	16	Popova (1968)
	<i>Erysimum</i> L.	<i>E. comatum</i> Pancic	14	Ancev, Hardalova & Trifonova (1987)
		<i>E. cuspidatum</i> (Bieb.) DC.	16	Ancev (1978a)
			14	Ancev (1981)
		<i>E. diffusum</i> Ehrh.	14	Ancev (1978a)
			28	Ancev, Hardalova, Trifonova (1987)
			42	Ancev (1981)

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
		<i>E. drenovskyi</i> Degen.	28	Ancev, Hardalova & Trifonova (1987)
		<i>E. helveticum</i> (Jacq.) DC.	56	Ancev, Hardalova & Trifonova (1987)
		<i>E. moesiaticum</i> Velen.	14	Ancev, Hardalova & Trifonova (1987)
		<i>E. repandum</i> L.	16	Ancev (1978a, 1983)
		<i>E. sylvestre</i> (Krantz) Scop.	14	Ancev, Hardalova & Trifonova (1987)
		<i>E. welchevii</i> Urum.	42	Ancev, Hardalova & Trifonova (1987)
	<i>Fibigia</i> Medicus	<i>F. clypeata</i> (L.) Medicus	16	Ancev (1981)
	<i>Hesperis</i> L.	<i>H. laciniata</i> All.	12	Ancev & Peneva (1984)
		<i>H. sylvestris</i> Crantz.	13	Dvorak & Dadakova (1974)
		<i>H. tristis</i> L.	14	Ancev (1981)
	<i>Iberis</i> L.	<i>I. sempervirens</i> L.	22	Ancev (1978 a); Andreev (in press)
	<i>Kernera</i> Medicus	<i>K. saxatilis</i> (L.) Reichenb.	16	Ancev (1982a)
	<i>Lepidium</i> L.	<i>L. campestre</i> (L.) R. Br.	16	Ancev (1981, 1983a)
		<i>L. graminifolium</i> L.	48	Ancev (1981, 1983a)
		<i>L. ruderale</i> L.	32	Ancev (1981, 1983a); van Loon & van Setten (1982)
	<i>Lepidotrichum</i> Velen & Borm.	<i>L. uechtritizianum</i> (Borm.) Velen.	16	Kozuharov & Kuzmanov (1965a)
	<i>Maresia</i> Pomel	<i>M. nana</i> (DC.) Bat.	28	Ancev & Peneva(1984)
	<i>Matthiola</i> R. Br.	<i>M. fruticulosa</i> (L.) Maire	12	Ancev (1981)
		<i>M. odoratissima</i> (Bieb.) R. Br.	12	Ancev (1981)
	<i>Nasturtium</i> R. Br.	<i>N. officinale</i> R.Br.	32	Ancev (1981, 1983a)

	Taxa		Somatic chromosome numbers	References
Families	Genera	Species		
	<i>Neslia</i> Desv.	<i>N. paniculata</i> (L.) Desv.	28	Ancev (1983a)
	<i>Raphanus</i> L.	<i>R. raphanistrum</i> L.	18	Kozuharov & Kuzmanov (1969a)
	<i>Roripa</i> Scop.	<i>R. austriaca</i> (Crantz) Besser	16	Ancev (1981)
		<i>R. pyrenaica</i> (Lam.) Reichen.	16	Ancev (1981)
	<i>Sinapis</i> L.	<i>S. arvensis</i> L.	18	Ancev (1978a)
	<i>Sisymbrium</i> L.	<i>S. altissimum</i> L.	14	Ancev (1978a)
		<i>S. loeselii</i> L.	14	Ancev (1981, 1983a)
		<i>S. officinale</i> L.	14	Ancev (1978a, 1981, 1983a)
		<i>S. orientale</i> L.	14	Ancev (1978a, 1981)
		<i>S. polyceratium</i> L.	28	Ancev (1981, 1983a)
	<i>Teesdalia</i> R. Br.	<i>T. coronopifolia</i> (J.P.Bergeret) Thell.	36	Ancev (1982a)
	<i>Thlaspi</i> L.	<i>Th. alliaceum</i> L.	14	Ancev (1983a)
		<i>Th. arvense</i> L.	14	Ancev (1983a)
		<i>Th. perfoliatum</i> L.	42	Ancev (1978a, 1983a)
		<i>Th. praecox</i> Wulfen.	14	van Loon & van Setten (1982)
<i>Campanulaceae</i>	<i>Asyneuma</i> Griseb. & Schenk	<i>A. anthericoides</i> (Janka) Borm.	22	Ancev (1976c)
		<i>A. canescens</i> (Waldst. & Kit) Griseb. & Schenk	32	Ancev (1975b, 1976c)
	<i>Campanula</i> L.	<i>C. alpina</i> Jacq.	34	Andreev (1976c, 1978a, 1988)
		<i>C. bononiensis</i> L.	34	Gadella (1964); Ancev 1975a, 1976c, 1988)
		<i>C. bulgarica</i> Wisatek	34	Ancev (1976c)
		<i>C. cervicaria</i> L.	34	Gadella (1964); Ancev (1978a)
		<i>C. cochleariifolia</i> Lam.	34	Ancev (1983b, 1989)

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
		<i>C. epigaea</i> Janka	20	Ancev (1975b, 1976c)
		<i>C. euxina</i> (Velen.) Ancev	34	Ancev (1983b); Kovanda & Ancev (1989)
		<i>C. glomerata</i> L.	30	Ancev (1988)
		<i>C. grossekii</i> Heuffel	34	Ancev (1988)
		<i>C. jordanovii</i> Ancev, Kovanda	24	Kovanda & Ancev (1989)
		<i>C. lanata</i> Friv.	34	Ancev (1978a, 1988); van Loon & van Setten (1982)
		<i>C. lingulata</i> Waldst & Kit.	34	Ancev (1974b, 1976c); van Loon & van Setten (1982)
		<i>C. macrostachya</i> Waldst. & Kit. ex Willd.	32	Ancev (1982a, 1988)
		<i>C. patula</i> L.	20	van Loon & van Setten (1982); Ancev (1988)
			40	Ancev (1976c, 1988)
		<i>C. persicifolia</i> L.	16	Gadella (1964); Ancev (1976c); van Loon & van Setten (1982)
		<i>C. rapunculoides</i> L.	68	Ancev (1974b, 1975b, 1976c, 1978a)
			102	Ancev (1988)
		<i>C. rapunculus</i> L.	20	Ancev (1975b, 1976c)
		<i>C. scheuchzeri</i> Vill.	68	Ancev (1983b); Kovanda & Ancev (1989)
		<i>C. scutellata</i> Griseb.	14	Ancev (1978a, 1988); van Loon & van Setten (1982)
		<i>C. sibirica</i> L.	34	Ancev (1982c, 1988); van Loon & van Setten (1982)

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
		<i>C. sparsa</i> Friv.	20	Ancev (1988)
		<i>C. sphaerotrix</i> Griseb.	20	Ancev (1976a, 1988)
		<i>C. trachelium</i> L.	34	Jasiewicz & Mizianty (1975); Ancev (1974b, 1975b, 1976c); van Loon & van Setten (1982)
		<i>C. trojanensis</i> Kovanda, Ancev	34	Ancev (1983b); Kovanda & Ancev (1989)
		<i>C. velebitica</i> Borbias	34	Ancev (1983b); Kovanda & Ancev (1989)
			68	Ancev (1983b); Kovanda & Ancev (1989)
	<i>Diosphaera</i> Buser	<i>D. rumeliana</i> (Hampe) Borm.	34	Ancev (1975b, 1976c)
	<i>Edraianthus</i> A. DC.	<i>E. serbicus</i> Petrovic	32	Kuzmanov (1973); Kuzmanov, Jurukova & Georgieva (in press, b)
	<i>Jasione</i> L.	<i>J. bulgarica</i> Stoj.& Stefanov	12	van Loon & van Setten (1982)
		<i>J. dentata</i> (A. DC.) Hallacsy	12	Ancev (1975b)
		<i>J. heldreichii</i> Boiss. & Orph.	12	Ancev (1988)
		<i>J. laevis</i> Lam;	12	Ancev (1988)
		<i>J. montana</i> L.	12	Ancev (1988)
	<i>Legousia</i> Durande	<i>L. speculum- veneris</i> (L.) Chaix	20	Ancev (1975b, 1976c)
<i>Caprifoliaceae</i>	<i>Lonicera</i> L.	<i>L. etrusca</i> Santi	18	Cesmedziew (1983a)
	<i>Sambucus</i> L.	<i>S. deborensis</i> Kosanin	36	Cesmedziew (1983b)
		<i>S. ebulus</i> L.	36	Cesmedziew (1976, 1983b)
		<i>S. nigra</i> L.	36	Cesmedziew (1976, 1983b)
		<i>S. racemosa</i> L.	36	Cesmedziew (1983b, 1976)
<i>Caryophyllaceae</i>	<i>Arenaria</i> L.	<i>A. biflora</i> L.	22	Petrova (1975)

	Taxa		Somatic chromosome numbers	References
Families	Genera	Species		
		<i>A. pirinica</i> Stoj.	40	Andreev (1981)
		<i>A. rhodopaea</i> Delip.	20	Popova (1978)
		<i>A. serpyllifolia</i> L.	40	Petrova (1975)
	<i>Cerastium</i> L.	<i>C. alpinum</i> L.	108	Andreev (in press)
		<i>C. decalvans</i> Schlosser & Vuk.	126	Andreev (in press)
		<i>C. lanatum</i> Lam.	72	Andreev (in press)
		<i>C. petricola</i> Pancic	36	Andreev (in press)
	<i>Cucubalus</i> L.	<i>C. baccifer</i> L.	24	Petrova (1975); Cesmedziev (1976); van Loon & van Setten (1982)
	<i>Dianthus</i> L.	<i>D. armeria</i> L.	30	Gentcheff (1937); Petrova (1975); van Loon & van Setten (1982)
		<i>D. barbatus</i> L.	30	Gentcheff (1937)
		<i>D. campestris</i> Bieb.	30	Gentcheff (1937); Petrova (1975)
		<i>D. carthusianorum</i> L.	30	Gentcheff (1937); Petrova (1975)
		<i>D. compactus</i> Kit.	30	Gentcheff (1937)
		<i>D. deltoides</i> L.	30	Petrova (1975)
		<i>D. fryvaldskyanus</i> Boiss.	30	Gentcheff (1937)
		<i>D. giganteus</i> D'Urv.	30	Gentcheff (1937)
		<i>D. gracilis</i> Sibth. & Sm.	30	van Loon & van Setten (1982)
		<i>D. microlepis</i> Boiss.	30	Petrova (1975); van Loon & van Setten (1982)
		<i>D. moesiacus</i> Vis. & Pancic	30	Gentcheff (1937)
		<i>D. pallens</i> Sibth. & Sm.	30	Gentcheff (1937); Petrova (1975)

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
		<i>D. pelviformis</i> Heuffel	30	Gentcheff (1937)
		<i>D. petraeus</i> Waldst. & Kit.	30	Petrova (1975)
			60	van Loon & van Setten (1982)
		<i>D. pinifolius</i> Sibth. & Sm.	30	Petrova (1975)
		<i>D. pontedere</i> Kerner	30	Petrova (1975); van Loon & van Setten (1982)
		<i>D. pseudoarmeria</i> Bieb.	30	Gentcheff (1937)
		<i>D. strictus</i> Sibth. & Sm.	30	Gentcheff (1937)
			60	Gentcheff (1937)
		<i>D. superbus</i> L.	30	Gentcheff (1937)
		<i>D. trifasciculatus</i> Kit.	30	Gentcheff (1937)
	<i>Holosteum</i> L.	<i>H. umbellatum</i> L.	20	Petrova (1975)
	<i>Lychnis</i> L.	<i>L. coronaria</i> (L.) Desr.	24	van Loon & van Setten (1982)
		<i>L. viscaria</i> L.	24	van Loon & van Setten (1982)
	<i>Minuartia</i> L.	<i>M. bosniaca</i> (G. Beck) K. Maly	28	Petrova (1975)
		<i>M. caespitosa</i> (Ehrh.) Degen	28	Petrova (1975)
		<i>M. rhodopaea</i> (Degen) Kozuharov & Kuzmanov	28	Petrova (1975)
		<i>M. verna</i> (L.) Hiern.	48	Favarger (1967); Petrov (1975)
	<i>Moehringia</i> L.	<i>M. pendula</i> (Wk.) Fenzl	48	Andreev (in press)
	<i>Myosoton</i> Moench	<i>M. aquaticum</i> (L.) Moench	28	van Loon & van Setten (1982)
	<i>Paronychia</i> Miller	<i>P. kapella</i> (Hacq.) Kerner	36	Petrova (1975)
	<i>Petrorhagia</i> (Ser. ex DC.) Link	<i>P. saxifraga</i> (L.) Link	30	van Loon & van Setten (1982)
	<i>Queria</i> L.	<i>Q. hispanica</i> L.	30	Petrova (1975)
	<i>Saponaria</i> L.	<i>S. bellidifolia</i> Sm.	28	Andreev (1982)

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
		<i>S. officialia</i> L.	28	van Loon & van Setten (1982)
	<i>Scleranthus</i> L.	<i>S. neglectus</i> Rich.	22	Jasiewicz & Mizianty (1975)
	<i>Silene</i> L.	<i>S. acaulis</i> (L.) Jacq.	24	Petrova (1975)
		<i>S. alba</i> (Miller) E. H. L. Krause	24	Kozuharov & Petrova (1974a)
		<i>S. armeria</i> L.	24	Kozuharov & Petrova (1974a); Petrova (1975); van Loon & van Setten 41982)
		<i>S. bupleuroides</i> L.	24	Kozuharov & Petrova (1974a)
		<i>S. chlorantha</i> (Willd.) Ehrh.	24	van Loon & van Setten (1982)
		<i>S. ciliata</i> Pourret	24	Petrova (1975); Andreev (1982)
		<i>S. compacta</i> Fischer	24	Petrova (1975)
		<i>S. conica</i> L.	20, 24	van Loon & van Setten (1982)
		<i>S. densiflora</i> D'Urv.	24	Kozuharov & Petrova (1974a)
		<i>S. dichotoma</i> Ehrh.	24	Kozuharov & Petrova (1974a)
		<i>S. flavescens</i> Waldst. & Kit.	24	Petrova (1975)
		<i>S. frivaldskyana</i> Hampe	24	Kozuharov & Petrova (1974a)
		<i>S. gallica</i> L.	24	Kozuharov & Petrova (1974a)
		<i>S. heuffelii</i> Soo	24	van Loon & van Setten (1982)
		<i>S. italica</i> (L.) Pers.	24	Kozuharov & Petrova (1974a)
		<i>S. lerchenfeldiana</i> Baumg.	24	van Loon & van Setten (1982)
		<i>S. longiflora</i> Ehrh.	24	Andreev (in press)
		<i>S. nutans</i> L.	24	Kozuharov & Petrova (1974a)
		<i>S. otites</i> (L.) Wibel.	24	Kozuharov & Petrova (1974a)

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
		<i>S. pusilla</i> Waldst. & Kit.	24	Kozuharov & Petrova (1974a)
		<i>S. roemerii</i> Friv.	24	Kozuharov & Petrova (1974a); van Loon & van Setten (1982)
		<i>S. saxifraga</i> L.	24	Andreev (1981)
		<i>S. supina</i> Bieb.	48	Petrova (1975)
		<i>S. viridiflora</i> L.	24	Kozuharov & Petrova (1974a)
		<i>S. vulgaris</i> (Moench) Garcke	24	Kozuharov & Petrova (1974a); van Loon & van Setten (1982)
		<i>S. waldseinii</i> Griseb.	48	Petrova (1975)
	<i>Viscaria</i> Bernh.	<i>V. vulgaris</i> Bernh.	24	Petrova (1975)
	<i>Velezia</i> L.	<i>V. rigida</i> L.	28	Petrova (1975)
<i>Chenopodiaceae</i>	<i>Beta</i> L.	<i>B. trigyna</i> Waldst. & Kit.	54	Cesmedziev (1976)
	<i>Chenopodium</i> L.	<i>Ch. bonus-henricus</i> L.	36	van Loon & van Setten (1982)
		<i>Ch. foliosum</i> Ascherson	18	van Loon & van Setten (1982)
		<i>Ch. multifidum</i> L.	36	M. Markova (1968a)
	<i>Kochia</i> Roth.	<i>K. scoparia</i> (L.) Schrader	18	Popova & Cesmedziev (1978)
	<i>Suaeda</i> Forsskal ex Scop.	<i>S. altissima</i> (L.) Pallas	18	Kozuharov & Kuzmanov (1969a)
<i>Cistaceae</i>	<i>Cistus</i> L.	<i>C. incanus</i> L.	18	M. Markova (1975)
		<i>C. salvifolius</i> L.	18	M. Markova (1975)
		<i>C. tauricus</i> Presl	18	M. Markova (1972)
	<i>Fumana</i> (Dunal) Spach	<i>F. arabica</i> (L.) Spach	32	M. Markova (1972, 1975)
		<i>F. procumbens</i> (Dunal) Gren. et Gordon	32	M. Markova (1975)
	<i>Helianthemum</i> Miller	<i>H. aegyptiacum</i> (L.) Miller	20	M. Markova (1975)

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
		<i>H. lasiocarpum</i> Willk.	40	M. Markova (1975)
		<i>H. ledifolium</i> Miller	20	M. Markova (1972, 1975)
			40	M. Markova (1972)
		<i>H. nummularium</i> (L.) Miller	20	Markova (1975); van Loon & van Setten (1982)
		<i>H. salicifolium</i> (L.) Miller	20	M. Markova (1972, 1975)
	<i>Rhodax</i> Spach	<i>R. alpestris</i> (Jacq.) Fuss.	22	M. Markova (1975)
		<i>R. canus</i> (L.) Fuss	22	M. Markova (1975)
	<i>Tuberaria</i> (Dunal) Spach	<i>T. guttata</i> (L.) Fourr.	24	M. Markova (1972, 1975)
<i>Crassulaceae</i>	<i>Sedum</i> L.	<i>S. aetnense</i> Tineo	26	Hart & Cesmedziev (1985)
		<i>S. alpestre</i> Vill.	28	Cesmedziev (1983a)
		<i>S. atratum</i> L.	14	Andreev (in press)
		<i>S. kostovii</i> Stefanov	12	Hart (1975)
		<i>S. spurium</i> Bieb.	14	Cesmedziev (1983a)
		<i>S. stefco</i> Stefanov	14	Cesmedziev (1983a)
		<i>S. tuberiferum</i> Stoj & Stefanov	32	Hart(1978)
<i>Cucurbitaceae</i>	<i>Ecbalium</i> A. Richard	<i>E. elaterium</i> (L.) A. Richard	18	Cesmedziev (1983a)
<i>Cyperaceae</i>	<i>Blysmus</i> Panzer	<i>B. compressus</i> (L.) Panzer	79	Stoeva (in press)
	<i>Carex</i> L.	<i>C. acuta</i> L.	84	Stoeva (in press)
		<i>C. acutiformis</i> Ehrh.	78	Stoeva (in press)
		<i>C. bulgarica</i> (Domin) Lazare	34	Stoeva, Popova & Uzunova (in press)
		<i>C. caryophylla</i> Latourr.	66,67,68,69	Stoeva 1985); Stoeva & Popova(1990)
		<i>C. colchica</i> Gay	58	Stoeva (in press)

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
		<i>C. cuspidata</i> Host	114	Stoeva (in press)
		<i>C. digitata</i> L.	48,50,54	Stoeva (1985,1987)
		<i>C. divisa</i> Hudson	58	Stoeva (1987a, in press)
		<i>C. divulsa</i> Stokes	58	Stoeva (1987)
		<i>C. echinata</i> Murray	58	Stoeva (1987)
		<i>C. ericetorum</i> Pollich	32	Stoeva (in press)
		<i>C. flava</i> L.	58,60	Stoeva & Stepankova (1990); Stoeva (in press)
		<i>C. hirta</i> L.	112	Stoeva (in press)
		<i>C. humilis</i> Leysser	36	Stoeva (in press)
		<i>C. kitaibeliana</i> Degen ex Becherer	36	Stoeva (in press)
		<i>C. lepidocarpa</i> Tausch	68	Stoeva & Stepankova (1990)
		<i>C. liparocarpos</i> Gaudin	38	Stoeva (in press)
		<i>C. montana</i> L.	38	Stoeva (1987a)
		<i>C. otrubae</i> Podp.	58	Stoeva (1985)
		<i>C. ovalis</i> Good	64,66	Stoeva (1987a)
		<i>C. pallescens</i> L.	85	Stoeva (1985)
		<i>C. panicea</i> L.	32	Stoeva (1985, 1987b)
		<i>C. pirinensis</i> Acht.	54	Stoeva (1984a)
		<i>C. praecox</i> Schreber	58	Stoeva (1985)
		<i>C. remota</i> L.	62	Stoeva (1985)
		<i>C. riparia</i> L.	62	Stoeva (1985)
		<i>C. rostrata</i> Stokes	60	Stoeva (1987a)
		<i>C. sempervirens</i> Vill.	33, 34	Stoeva (1987a)
		<i>C. serotina</i> Mérat	70	Stoeva & Stepankova (1990)
		<i>C. spicata</i> Hudson	58	Stoeva (in press)
		<i>C. sylvatica</i> Hudson	46	Stoeva (1985)
		<i>C. tomentosa</i> L.	48	Stoeva (in press)
		<i>C. tricolor</i> Velen.	61	Stoeva (1987b)
		<i>C. umbrosa</i> Host	62	Stoeva (1987a)

	Taxa		Somatic chromosome numbers	References
Families	Genera	Species		
	<i>Cyperus</i> L.	<i>C. glaber</i> L.	186	Stoeva (in press)
	<i>Eleocharis</i> Tr. Br.	<i>E. palustris</i> (L.) Roemer et Schultes	16	Kuzmanov & Kozuharov (1969); Stoeva (1985)
	<i>Eriophorum</i> L.	<i>E. angustifolium</i> Honckeny	56	Stoeva (1985)
		<i>E. latifolium</i> Hoppe	54	Stoeva (1985)
	<i>Schoenoplectus</i> (Reichenb.) Palla	<i>S. tabernaemontanii</i> (C. C. Gmelin) Palla	42	Stoeva (1987)
<i>Dipsacaceae</i>	<i>Cephalaria</i> Schrader	<i>C. transylvanica</i> (L.) Roemer et Schultes	18	Jasiewicz & Mizianty (1975)
	<i>Knautia</i> L.	<i>K. arvensis</i> (L.) Calter	20	van Loon & van Setten (1982)
		<i>K. midzorensis</i> Form.	20	Andreev (1982)
	<i>Scabiosa</i> L.	<i>S. argentea</i> L.	18	Kuzmanov (1975b)
		<i>S. columbaria</i> L.	16	Frey (1969)
		<i>S. lucida</i> Vill.	16	Andreev (in press)
		<i>S. rhodopensis</i> Stoj & Stefanov	18	Frey (1970)
		<i>S. rotata</i> L.	18	Frey (1969)
		<i>S. silaifolia</i> Velen.	18	Frey (1969)
		<i>S. trinifolia</i> Friv.	16	Frey (1969)
		<i>S. webbiana</i> D. Don.	16	Kuzmanov, Jurukova & Georgieva (1990, in press, b)
<i>Euphorbiaceae</i>	<i>Euphorbia</i> L.	<i>E. amygdaloides</i> L.	20	Bauer (1968)
		<i>E. apios</i> L.	12	Kozuharov & Kuzmanov (1964b)
		<i>E. cyparissias</i> L.	40	Bauer (1971)
		<i>E. plathyphyllos</i> L.	28	Kuzmanov (1975b); Kuzmanov, Jurukova & Georgieva (in press, b)

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
Fabaceae	<i>Anthyllis</i> L.	<i>A. aurea</i> Host	14	Kozuharov, Kuzmanov & T. Markova (1972); Krusheva (1975); Kuzmanov (1978)
		<i>A. montana</i> L.	28	Andreev (in press)
		<i>A. vulneraria</i> L.	12	Kozuharov & Kuzmanov (1965b); Kuzmanov & T. Markova (1973); Kuzmanov, Ancev & T. Markova (1973); Kuzmanov (1978)
	<i>Astragalus</i> L.	<i>A. angustifolius</i> Lam.	16	Kozuharov, Kuzmanov & T. Markova (1972); Krusheva (1975); Kuzmanov (1978); Pavlova (1988)
		<i>A. arnacantha</i> Bieb.	16	Andreev (1982)
		<i>A. austriacus</i> Jacq.	16	Pavlova (1988)
		<i>A. cicer</i> L.	48	Pavlova (1988)
		<i>A. centralpinus</i> Br.-Bl.	16	Kozuharov, Petrova & T. Markova (1973)
		<i>A. corniculatus</i> Bieb.	16	Pavlova (1988)
		<i>A. dasyanthus</i> Pallas	16	Pavlova (1988)
		<i>A. depressus</i> L.	16	Andreev (1982); Pavlova (1988)
		<i>A. gladiatus</i> Bieb.	16	Pavlova (1988)
		<i>A. glaucus</i> Bieb.	64	Pavlova (1988)
		<i>A. glycyphyllos</i> L.	16	Kozuharov, Kuzmanov & T. Markova (1972); Kozuharov, Petrova & T. Markova (1975a); Pavlova (1988)

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
		<i>A. glycyphylloides</i> DC	16	Pavlova (1988)
		<i>A. hamosus</i> L.	32	Kuzmanov & Georgieva (1976); Kuzmanov (1978)
		<i>A. mospessulanus</i> L.	16	Kozuharov, Kuzmanov & T. Markova (1972); Kozuharov, Petrova & T. Markova (1975a); Andreev (1982); Pavlova (1988)
		<i>A. onobrychoides</i> L.	16	Pavlova (1988)
			48	Pavlova (1988)
			64	Pavlova (1988)
		<i>A. physocalyx</i> Fisch	16	Kozuharov & Kuzmanov (1965a)
		<i>A. spruneri</i> Boiss.	16	Pavlova (1988)
			32	Kuzmanov (1975b)
		<i>A. tharcicus</i> Griseb.	32	Kuzmanov (1974, 1978)
		<i>A. varius</i> S.G. Gmelin	16	Pavlova (1988)
		<i>A. vescicarius</i> L.	16	Kozuharov, Petrova & T. Markova (1973, 1975a)
			32	Pavlova (1986)
		<i>A. willmottianus</i> Stoj.	16	Krusheva (1986)
			48	Pavlova (1988)
	<i>Caraga</i> Fabr.	<i>C. frutex</i> (L.) Koch	32	Kuzmanov & T. Markova (1973); Kuzmanov (1978)
	<i>Cercis</i> L.	<i>C. siliquastrum</i> L.	14	Kuzmanov (1975b, 1978)
	<i>Chamaecytisus</i> Link.	<i>Ch. absinthioides</i> (Janka) Kuzmanov	96	Kozuharov, Kuzmanov & T. Markova (1972); Kuzmanov (1978)

	Taxa		Somatic chromosome numbers	References
Families	Genera	Species		
		<i>Ch. albus</i> (Hacq.) Rothm.	50	Kuzmanov, Ancev & T. Markova (1973); Kuzmanov (1978)
		<i>Ch. ciliatus</i> (Wagner) Rothm.	50	Kuzmanov & T. Markova (1973); Kuzmanov & Georgieva (1977); Kuzmanov (1978)
			96	Kuzmanov & T. Markova (1973); Kuzmanov & Georgieva (1977); Kuzmanov (1978)
		<i>Ch.</i> <i>frivaldszkyanus</i> (Degen) Kuzmanov	48	Kuzmanov (1975b, 1978)
		<i>Ch. hirsutus</i> (L.) Link.	50	Kuzmanov & T. Markova (1973); Kuzmanov, Ancev & T. Markova (1973); Kuzmanov (1978)
			96	Kuzmanov & T. Markova (1973); Kuzmanov, Ancev & T. Markova (1973); Kuzmanov (1978)
	<i>Chamaespartium</i> Adanson	<i>C. sagitale</i> (L.) P. Gibbs	48	Kuzmanov & T. Markova (1973); Kuzmanov (1978); Krusheva (1975)
	<i>Colutea</i> L.	<i>C. arborescens</i> L.	16	Kuzmanov & T. Markova (1973); Kuzmanov (1978)
	<i>Coronilla</i> L.	<i>C. emeroides</i> Boiss.	16	Krusheva (1975, 1978, 1985)
		<i>C. scorpioides</i> Koch	12	Kozuharov & Petrova & T. Markova (1972, 1975a); Krusheva (1975, 1978, 1985)

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
		<i>C. varia</i> L.	24	Kozuharov & Petrova & T. Markova (1972, 1975a); Krusheva (1975); van Loon & van Setten (1982); Andreev (in press)
	<i>Dorycnium</i> Miller	<i>D. graecum</i> (L.) Ser.	14	Kuzmanov & T. Markova (1973); Krusheva (1975); Kuzmanov (1978)
		<i>D. herbaceum</i> Vill.	14	Kozuharov, Kuzmanov & T. Markova (1972); Kuzmanov (1978)
	<i>Galega</i> L.	<i>G. officinalis</i> L.	16	Kozuharov, Kuzmanov & T. Markova (1972); Krusheva (1975); Kuzmanov (1978)
	<i>Genista</i> L.	<i>G. anatolica</i> Boiss.	48	Krusheva (1975); Kuzmanov (1978)
		<i>G. carinalis</i> Griseb.	24	Kuzmanov, Anceev & T. Markova (1973); Kuzmanov (1978)
			48	Krusheva (1975); Kuzmanov (1975b, 1978)
		<i>G. depressa</i> Bieb.	48	Krusheva (1986)
			96	Krusheva (1975)
		<i>G. januensis</i> Viv.	48	Krusheva (1975)
		<i>G. lydia</i> Boiss.	48	Krusheva (1986)
		<i>G. ovata</i> Waldst. & Kit.	48	Krusheva (1986)
		<i>G. pilosa</i> L.	24	Krusheva (1975)
		<i>G. rumelica</i> Velen.	48	Kozuharov, Kuzmanov & T. Markova (1972); Krusheva (1975)
		<i>G. sessiliflora</i> DC.	22	Kuzmanov (1974, 1978); Krusheva (1975)

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
		<i>G. subcapitata</i> Pancic	18	Kuzmanov, Ancev & T. Markova (1973); Krusheva (1975); Kuzmanov (1978); Andreev (1981)
		<i>G. tinctoria</i> L.	48	Krusheva (1975); van Loon & van Setten (1982)
			96	Kuzmanov (1974, 1978)
	<i>Hippocrepis</i> L.	<i>H. comosa</i> L.	28	Andreev (1981)
	<i>Lathyrus</i> L.	<i>L. alpestris</i> (Waldst. & Kit.) Reichenb.	14	Krusheva (1975)
		<i>L. aphaca</i> L.	14	Kozuharov & Petrova & T. Markova (1973, 1975a)
		<i>L. cicera</i> L.	14	Krusheva (1975)
		<i>L. hirsutus</i> L.	14	Kozuharov & Petrova & T. Markova (1973, 1975a)
		<i>L. latifolius</i> L.	14	Kuzmanov & Kozuharov (1969)
		<i>L. laxiflorus</i> (Desf.) Kuntze	14	Kozuharov, Kuzmanov & T. Markova (1972); Kozuharov, Petrova & T. Markova (1975a)
		<i>L. niger</i> (L.) Bernh.	14	Kozuharov, Kuzmanov & T. Markova (1972); Kozuharov, Petrova & T. Markova (1975a)
		<i>L. nissolia</i> L.	14	Krusheva (1975); Kozuharov, Petrova & T. Markova (1973, 1975a)

	Taxa		Somatic chromosome numbers	References
Families	Genera	Species		
		<i>L. pratensis</i> L.	14	Kozuharov, Kuzmanov & T. Markova (1972); Kozuharov, Petrova & T. Markova (1973, 1975a); van Loon & van Setten (1982)
		<i>L. spaericus</i> Retz.	14	Kozuharov, Petrova & T. Markova (1973, 1975); Krusheva (1975)
		<i>L. vernus</i> L.	14	Kozuharov, Petrova & T. Markova (1973, 1975a)
	<i>Lens</i> Miller	<i>L. ervoides</i> (Brign.) Grande	14	Kuzmanov & Georgieva (1976); Kuzmanov, Jurukova & Georgieva (in press); Cesmedziev (1983a)
		<i>L. nigricans</i> (Bieb.) Godron	14	Kuzmanov (1978); Cesmedziev (1983a)
	<i>Lemboptropis</i> Griseb.	<i>L. nigricans</i> (L.) Griseb.	48	Kozuharov, Kuzmanov & T. Markova (1972); Kuzmanov (1978)
	<i>Lotus</i> L.	<i>L. aegaeus</i> (Griseb.)Boiss.	28	Kozuharov, Kuzmanov & T. Markova (1972); Kuzmanov (1978)
		<i>L. angustissimus</i> L.	12	Heyn, Kozuharov, Petrova & T. Markova (1970); Kuzmanov & T. Markova (1973); Kuzmanov (1978)

	Taxa		Somatic chromosome numbers	References
Families	Genera	Species		
		<i>L. corniculatus</i> L.	24	Kozuharov, Kuzmanov & T. Markova (1972); Kuzmanov (1978); van Loon & van Setten (1982)
		<i>L. tenuis</i> Willd.	12	Kozuharov, Kuzmanov & T. Markova (1972); Kuzmanov (1978)
	<i>Lupinus</i> L.	<i>L. graecus</i> Boiss.	50	Kuzmanov (1975b, 1978)
	<i>Medicago</i> L.	<i>M. coronata</i> (L.) Bartal	16	Kozuharov & Kuzmanov (1965b)
		<i>M. falcata</i> L.	16	Lessins & Lessins (1964); Kozuharov, (1965b); Kozuharov, Petrova & T. Markova (1973, 1975a)
		<i>M. lupulina</i> L.	16	Kozuharov, Kuzmanov & T. Markova (1972); Kozuharov, Petrova & T. Markova (1975a); van Loon & van Setten (1982f)
		<i>M. minima</i> (L.) L.	16	Kozuharov, Kuzmanov & T. Markova (1972); Kozuharov, Petrova & T. Markova (1973)
		<i>M. orbicularis</i> (L.) Bartal	16	Kozuharov & Kuzmanov (1965b)
		<i>M. rhodopea</i> Velen.	16	Nicoloff (1961); Lessins & Lessins (1963)

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
		<i>M. rigidula</i> (L.) All.	14, 16	Kozuharov & Kuzmanov (1965b)
	<i>Melilotus</i> Miller	<i>M. alba</i> Medicus	16	Kozuharov, Kuzmanov & T. Markova (1973, 1975a)
	<i>Onobrychis</i> Miller	<i>O. aequidentata</i> (Sm.) Dum.-Urville	14	Kozuharov, Petrova & T. Markova (1973, 1975a)
		<i>O. alba</i> (Waldst. & Kit.) Desv.	14	Kozuharov, Kuzmanov & T. Markova (1972); Kozuharov, Petrova & T. Markova (1973, 1975a)
		<i>O. arenaria</i> (Kit.) DC.	14	Kozuharov, Kuzmanov & T. Markova (1972); Kozuharov, Petrova & T. Markova (1973, 1975a)
		<i>O. caput-galii</i> Lam.	14	Kozuharov & Kuzmanov (1965b)
		<i>O. gracilis</i> Besser	28	Kozuharov, Kuzmanov & T. Markova (1972); Kozuharov, Petrova & T. Markova (1975a)
		<i>O. lasiostachya</i> Boiss.	14	Kozuharov, Kuzmanov & T. Markova (1972); Kozuharov, Petrova & T. Markova (1975a)
		<i>O. montana</i> DC.	28	Andreev (in press)
		<i>O. pindicola</i> Hausskn.	28	Andreev (1981)

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
		<i>O. viciifolia</i> Scop.	28	Kozuharov, Petrova & T. Markova (1973, 1975a)
	<i>Ononis</i> L.	<i>O. adenotricha</i> Boiss.	16	Kuzmanov & T. Markova (1973); Kuzmanov (1978)
		<i>O. arvensis</i> L.	32	Kuzmanov & T. Markova (1973); Kuzmanov (1978)
		<i>O. pusilla</i> L.	30	Kuzmanov & T. Markova (1973); Kuzmanov (1978)
	<i>Oxytropis</i> DC.	<i>O. urumovii</i> Jav.	16	Krusheva (1986)
			48	Andreev (1981)
	<i>Psoralea</i> L.	<i>P. bituminosa</i> L.	20	Kozuharov, Kuzmanov & T. Markova (1972); Kuzmanov (1978)
	<i>Trifolium</i> L.	<i>T. affine</i> C. Presl	12,14,16	Kozuharov, Kuzmanov & T. Markova (1972);
		<i>T. alpestre</i> L.	16	Kozuharov & Stancev (1972); Kuzmanov (1978); Kozuharov, Petrova & T. Markova (1974, 1975b); Petrova & Kozuharov (1982); Andreev (in press)
		<i>T. angustifolium</i> L.	16	Kozuharov, Petrova & T. Markova (1974, 1975b); Petrova & Kozuharov (1982);

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
		<i>T. arvense</i> L.	14	Kuzmanov & Stancev (1972); Kuzmanov (1978); Kozuharov, Petrova & T. Markova (1973, 1975a); Petrova & Kozuharov (1982)
		<i>T. aureum</i> Pollich	16	Kuzmanov & Stancev (1972); Kuzmanov (1978); Kozuharov, Petrova, & T. Markova (1974); Petrova & Kozuharov (1982)
		<i>T. badium</i> Schreber	14	Kuzmanov & T. Markova (1973); Kuzmanov (1978); Kozuharov, Petrova & T. Markova (1974); Petrova & Kozuharov (1982)
		<i>T. balansae</i> Boiss.	16	Kuzmanov & Stancev (1972); Kuzmanov (1978)
		<i>T. bocconeii</i> Savi	12	Petrova & Kozuharov (1982)
		<i>T. campestre</i> Schreber	14	Kuzmanov & Stancev (1972); Kuzmanov (1978); Kozuharov, Petrova & T. Markova (1974, 1975b); Petrova & Kozuharov (1982)

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
		<i>T. cherleri</i> L.	10	Kozuharov, Petrova & T. Markova (1974,1975b); Petrova & Kozuharov (1982)
		<i>T. clusii</i> Gren. & Gordon	16	Petrova & Kozuharov (1982)
		<i>T. constantinopolitanum</i> Ser.	16	Kozuharov, Petrova & T. Markova (1975b); Petrova & Kozuharov (1982)
		<i>T. dalmaticum</i> Vis.	10	Kozuharov, Petrova & T. Markova (1975b); Petrova & Kozuharov (1982)
		<i>T. diffusum</i> Ehrh.	16	Kozuharov, Petrova & T. Markova (1973, 1974,); Petrova & Kozuharov (1982); van Loon & van Setten (1982)
		<i>T. echinatum</i> Bieb.	16	Kozuharov, Petrova & T. Markova (1973, 1974); Petrova & Kozuharov (1982)
		<i>T. fragiferum</i> L.	16	Kuzmanov & Stancev (1972); Kuzmanov (1978); Kozuharov, Petrova & T. Markova (1974,1975b); Petrova & Kozuharov (1982)

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
		<i>T. globosum</i> L.	10	Kozuharov, Petrova & T. Markova (1975b); Petrova & Kozuharov (1982)
		<i>T. glomeratum</i> L.	16	Kozuharov, Petrova & T. Markova (1974,1975b); Petrova & Kozuharov (1982)
		<i>T. heldreichianum</i> Hausskn.	16	Petrova & Kozuharov (1982)
		<i>T. hirtum</i> All.	10	Kuzmanov & Stancev (1972); Kuzmanov (1978); Kozuharov, Petrova & T. Markova (1974,1975b); Petrova & Kozuharov (1982)
		<i>T. hybridum</i> L.	16	Kuzmanov & Stancev (1972); Kuzmanov (1978); Kozuharov, Petrova & T. Markova (1974,1975b); Petrova & Kozuharov (1982)
		<i>T. incarnatum</i> L.	14	Kuzmanov & Stancev (1972); Kozuharov, Kuzmanov & T. Markova (1972); Kozuharov, Petrova & T. Markova (1974,1975b); Petrova & Kozuharov (1982)

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
		<i>T. lapaceum</i> L.	16	Kozuharov, Petrova & T. Markova (1975b); Petrova & Kozuharov (1982)
		<i>T. latinum</i> Sebastiani	16	Petrova & Kozuharov (1972)
		<i>T. leucnathum</i> Bieb.	16	Kozuharov, Petrova & T. Markova (1975b); Petrova & Kozuharov (1982)
		<i>T. linguisticum</i> Loisel.	12	Kozuharov & Petrova, T. Markova (1975b); Petrova & Kozuharov (1982)
		<i>T. medium</i> L.	64	Kuzmanov, Stancev (1972); Kuzmanov (1978); Holub (1972); Kozuharov, Kuzmanov & T. Markova (1972); Petrova & Kozuharov (1982)
		<i>T. michelianum</i> Savi	16	Petrova & Kozuharov (1982)
		<i>T. micranthum</i> Viv.	16	Petrova & Kozuharov (1982)
		<i>T. molinerii</i> Balbis ex Hornem	14	Terziiski (1970)
		<i>T. montanum</i> L.	16	Kuzmanov & Stancev (1972); Kozuharov, Kuzmanov & T. Markova (1972); Kuzmanov (1978); Petrova & Kozuharov (1982)

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
		<i>T. nigrescens</i> Viv.	16	Petrova & Kozuharov (1982)
		<i>T. ochroleucon</i> Hudson	16	Kozuharov & Petrova & T. Markova (1973, 1974,); Petrova & Kozuharov (1982)
		<i>T. pallescens</i> Schreber	16	Petrova & Kozuharov (1982)
		<i>T. pallidum</i> Waldst. & Kit.	16	Kozuharov & Petrova & T. Markova (1975b); Petrova & Kozuharov (1982)
		<i>T. pannonicum</i> L.	126, 128, 130	Kuzmanov & Stancev (1972); Kuzmanov (1978); Kozuharov & Petrova & T. Markova (1975b); Petrova & Kozuharov (1982)
		<i>T. patens</i> Schreber	14	Kuzmanov & Stancev (1972); Kuzmanov (1978); Kozuharov & Petrova & T. Markova (1975b); Petrova & Kozuharov (1982)
		<i>T. phleoides</i> Willd.	14	Petrova & Kozuharov (1982)
		<i>T. physodes</i> Bieb.	16	Petrova & Kozuharov (1982)

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
		<i>T. pignanii</i> Fauché & Chaub	16	Kozuharov & Petrova & T. Markova (1974); Petrova & Kozuharov (1982)
		<i>T. pratense</i> L.	14	Kuzmanov & Stancev (1972); Kuzmanov (1978); Kozuharov & Petrova & T. Markova (1974, 1975b); Petrova & Kozuharov (1982)
		<i>T. purpureum</i> Lois.	14, 16	Kozuharov, Kuzmanov & T. Markova (1972); Kozuharov & Petrova & T. Markova (1973, 1974); Petrova & Kozuharov (1972)
		<i>T. repens</i> L.	32	Kuzmanov & Stancev (1972); Kuzmanov (1978); Kozuharov & Petrova & T. Markova (1973, 1974, 1975b); Petrova & Kozuharov (1982); van Loon & van Setten (1982)
		<i>T. resupinatum</i> L.	32	Petrova & Kozuharov (1982)
		<i>T. retusum</i> L.	32	Kozuharov & Petrova & T. Markova (1974, 1975b); Petrova & Kozuharov (1982)

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
		<i>T. rubens</i> L.	16	Kozuharov & Petrova & T. Markova (1973); Petrova & Kozuharov (1982)
		<i>T. scabrum</i> L.	10	Kuzmanov & Stancev (1972); Kozuharov, Kuzmanov & T. Markova (1972); Kozuharov & Petrova & T. Markova (1974); Kuzmanov (1978); Petrova & Kozuharov (1982)
		<i>T. sebastianii</i> Savi.	16	Petrova & Kozuharov (1982)
		<i>T. setiferum</i> Boiss.	16	Kozuharov & Petrova & T. Markova (1974, 1975b); Petrova & Kozuharov (1982)
		<i>T. smyrneum</i> Boiss.	14	Kozuharov & Petrova & T. Markova (1975b); Petrova & Kozuharov (1982)
		<i>T. spadiceum</i> L.	14	Kuzmanov & Stancev (1972); Kuzmanov (1978); Kozuharov, Petrova & T. Markova (1974, 1975b); Petrova & Kozuharov (1982)

	Taxa		Somatic chromosome numbers	References
Families	Genera	Species		
		<i>T. speciosum</i> Willd.	16	Kozuharov, Petrova & T. Markova (1975b); Petrova & Kozuharov (1982)
		<i>T. spumosum</i> L.	16	Kozuharov, Petrova & T. Markova (1974); Petrova & Kozuharov (1982)
		<i>T. squarrosus</i> L.	16	Kozuharov, Petrova & T. Markova (1975b); Petrova & Kozuharov (1982)
		<i>T. striatum</i> L.	14	Kuzmanov & Stancev (1972); Kuzmanov (1978); Kozuharov, Petrova & T. Markova (1974, 1975b); Petrova & Kozuharov (1982)
		<i>T. strictum</i> L.	16	Kozuharov, Kuzmanov & T. Markova (1972); Petrova & Kozuharov (1982)
		<i>T. subterraneum</i> L.	16	Kozuharov, Kuzmanov & T. Markova (1974, 1975b); Petrova & Kozuharov (1982)
		<i>T. suffocatum</i> L.	16	Petrova & Kozuharov (1982)

	Taxa		Somatic chromosome numbers	References
Families	Genera	Species		
		<i>T. tenuifolium</i> Ten.	12	Kozuharov, Petrova & T. Markova (1974,1975b); Petrova & Kozuharov (1982)
		<i>T. trichopterum</i> Pancic	14	Kuzmanov & Stancev (1972); Kuzmanov (1978); Kozuharov, Petrova & T. Markova (1974); Petrova & Kozuharov (1982); van Loon & van Setten (1982)
		<i>T. velenovski</i> Vandas	16	Kozuharov, Petrova & T. Markova (1974,1975b); Petrova & Kozuharov (1982)
		<i>T. vesiculosum</i> Savi.	14	Kozuharov, Petrova & T. Markova (1974,1975b); Petrova & Kozuharov (1982)
	<i>Vicia</i> (summarized data in Terziiski 1985) L.	<i>V. abbreviata</i> Sprengel	12	Terziiski (1987a)
		<i>V. anphicarpa</i> Dortes	14	Kozuharov, Kuzmanov & T. Markova (1972); Kuzmanov (1978); Terziiski (1987a)

	Taxa		Somatic chromosome numbers	References
Families	Genera	Species		
		<i>V. angustifolia</i> L.	12	Hanelt & Mettin (1966); Kuzmanov & T. Markova (1973); Kuzmanov (1978); van Loon & van Setten (1982); Terziiski (1987a)
		<i>V. articulata</i> Hornem.	14	Terziiski (1987a)
		<i>V. barbazitae</i> Ten. & Guss.	14	Terziiski (1987a)
		<i>V. bithynica</i> (L.) L.	14	Kuzmanov, Ancev & T. Markova (1973); Kuzmanov (1978); Terziiski (1987a)
		<i>V. cassubica</i> L.	12	Kuzmanov & T. Markova (1973); Kuzmanov (1978); Terziiski (1987a)
		<i>V. cordata</i> Wulfen	10	Terziiski (1987a)
		<i>V. craca</i> L.	28	Kuzmanov & T. Markova (1973); Kuzmanov (1975b, 1978); Terziiski (1987a)
		<i>V. dalmatica</i> A. kerner	12	Kuzmanov & T. Markova (1973); Kuzmanov (1978); Terziiski (1987a)
		<i>V. dumetorum</i> L.	14	Terziiski (1987a)
		<i>V. ervilia</i> (L.) Willd.	14	Terziiski (1987a)
		<i>V. grandiflora</i> Scop.	14	Kozuharov, Kuzmanov & T. Markova (1972); Kuzmanov (1978); Terziiski (1987a)

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
		<i>V. hirsuta</i> (L.) S. F. Gray	14	Kozuharov, Kuzmanov & T. Markova (1972); Kuzmanov (1978); Terziiski & Dimitrov (1983); Terziiski & Delipavlov (1985); Terziiski (1987a)
		<i>V. hybrida</i> L.	12	Terziiski (1987a)
		<i>V. incana</i> Gouan	12	Kozuharov, Kuzmanov & T. Markova (1972); Kuzmanov (1978); Terziiski (1987a)
		<i>V. incisa</i> Bieb.	14 (50)	Hanelt & Mettin (1966); Terziiski (1987a, 1987b)
		<i>V. lathyroides</i> L.	12	Kuzmanov & T. Markova (1973) Kozuharov, Kuzmanov & T. Markova (1972); Kuzmanov (1978); Terziiski (1987a)
		<i>V. narbonensis</i> L.	14	Kozuharov, Kuzmanov & T. Markova (1972); Kuzmanov (1978); Terziiski (1987a)
		<i>V. pannonica</i> Crantz	12	Kolev & Terziiski (1979); Kozuharov, Kuzmanov & T. Markova (1972); Kuzmanov (1978); Terziiski (1987a)

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
		<i>V. peregrina</i> L.	14	Kozuharov, Kuzmanov & T. Markova (1972); Kuzmanov (1978); Terziiski (1987a)
		<i>V. pisiformis</i> L.	12	Terziiski (1987a)
		<i>V. sativa</i> L.	12	Hanelt & Mettin (1966); Kozuharov, Kuzmanov & T. Markova (1972); Kuzmanov (1978); van Loon & van Setten (1982); Terziiski (1987a)
		<i>V. sepium</i> L.	14	Kuzmanov (1974, 1978); Terziiski (1987a); Andreev (in press)
		<i>V. serratifolia</i> Jacq.	14	Kuzmanov & T. Markova (1973); Kuzmanov (1978); Terziiski (1987a)
		<i>V. sparsiflora</i> Ten.	12	Terziiski (1987a)
		<i>V. striata</i> Bieb.	12	Kolev & Terziiski (1969); Terziiski (1987a)
		<i>V. tenuifolia</i> Roth.	24, 28	Kuzmanov & T. Markova (1973); Kuzmanov (1978); Terziiski (1987a)
		<i>V. tetrasperma</i> (L.) Schreber	14	Kozuharov, Kuzmanov & T. Markova (1972); Kuzmanov (1978); Terziiski (1987a)
		<i>V. villosa</i> Roth.	14	Kozuharov, Kuzmanov & T. Markova (1972); Kuzmanov (1978); Terziiski (1987a)

	Taxa		Somatic chromosome numbers	References
Families	Genera	Species		
<i>Gentianaceae</i>	<i>Centaurium</i> Hill	<i>C. erythraea</i> Raf.	40	van Loon & van Setten (1982)
	<i>Gentiana</i> L.	<i>G. asclepiadea</i> L.	44	Andreev (in press)
		<i>G. lutea</i> L.	40	Andreev (1982)
		<i>G. pyrenaica</i> L.	26	Andreev (in press)
	<i>Gentianella</i> Borkh.	<i>G. engadensis</i> (Wetts.) J. Holub	36	Andreev (in press)
<i>Geraniaceae</i>	<i>Geranium</i> L.	<i>G. caeruleatum</i> Schur	28	Andreev (1982)
		<i>G. pyrenaicum</i> Burm. fil.	26	van Loon & van Setten (1982)
		<i>G. reflexum</i> L.	28	Andreev (1982)
		<i>G. sanguineum</i> L.	84	Andreev (in press)
		<i>G. sylvaticum</i> L.	28	Andreev (in press)
<i>Globulariaceae</i>	<i>Globularia</i> L.	<i>G. cordifolia</i> L.	32	Andreev (in press)
<i>Gesneriaceae</i>	<i>Haberlea</i> Friv.	<i>H. rhodopensis</i> Friv.	38	Borhidi (1968)
			48	M. Markova (1970)
<i>Grossulariaceae</i>	<i>Ribes</i> L.	<i>R. uva-crispa</i> L.	16	Popova & Cesmedziev (1978)
<i>Hypericaceae</i>	<i>Hypericum</i> L.	<i>H. cerastoides</i> (Spach) N. K. B. Robson	16	Krusheva (1975); van Loon & van Setten (1982)
		<i>H. montbretii</i> Spach.	14	van Loon & van Setten (1982)
		<i>H. olympicum</i> L.	18	van Loon & van Setten (1982)
		<i>H. rumeliacum</i> Boiss.	14	van Loon & van Setten (1982)
<i>Iridaceae</i>	<i>Crocus</i> L.	<i>C. biflorus</i> Miller	18	Popova (1982b)
		<i>C. chrysanthus</i> (Herbert) Herbert	8	Popova (1982b)
		<i>C. flavus</i> Weston	8	Kozuharov, Popova & Kuzmanov (1968); Brighton (1976); Popova (1982b)
		<i>C. olivieri</i> Gay	6	Popova (1982b)

Taxa		Somatic chromosome numbers	References
Families	Genera	Species	
		<i>C. talasii</i> Goldb.	14 Popova (1982b)
		<i>C. pulchellus</i> Herbert	12 Popova (1982b)
		<i>C. tomasinianus</i> Herbert	16 Popova (1982b)
		<i>C. variegatus</i> Hoppe & Hornsch	14, 16 Brighton, Mathew & Merchant (1973); Brighton (1976); Popova (1982b)
		<i>C. veluchensis</i> Herbert	26 Brighton, Mathew & Merchant (1973); Brighton (1976)
			46 Popova (1972c, 1982b)
	<i>Iris</i> L.	<i>I. graminea</i> L.	34 Popova & Cesmedziev (1975, 1976)
		<i>I. mellita</i> Janka	24 Popova & Cesmedziev (1975, 1976)
		<i>I. pseudoacarus</i> L.	34 Kozuharov & Kuzmanov (1964b); Popova & Cesmedziev (1975, 1976)
		<i>I. pumila</i> L.	32 Popova & Cesmedziev (1975, 1976)
		<i>I. reichenbachii</i> Heuffel.	24 Popova & Cesmedziev (1975, 1976); Cesmedziev (1983a)
			48 Popova & Cesmedziev (1975, 1976); Cesmedziev (1983a)
		<i>I. sibirica</i> L.	28 Popova & Cesmedziev (1975, 1976)

	Taxa		Somatic chromosome numbers	References
Families	Genera	Species		
		<i>I. sintenisii</i> Janka	16	Popova & Cesmedziev (1975, 1976)
		<i>I. variegata</i> L.	24	M. Markova (1970a); M. Markova & P. Ivanova (1970); Popova & Cesmedziev (1975, 1976)
<i>Juncaceae</i>	<i>Juncus</i> L.	<i>J. alpigenus</i> Koch	40	Snogerub (1963)
		<i>J. articulatus</i> L.	80	Stoeva (1985)
	<i>Luzula</i> L.	<i>L. forsteri</i> (Sm.) DC.	24	Andreev (in press)
		<i>L. luzuloides</i> (Lam.) Dandy & Willmott	12	Andreev (in press)
		<i>L. sylvatica</i> (Hudson) Gaudin	12	Kozuharov & Kuzmanov (1969a); Andreev (in press)
<i>Lamiaceae</i>	<i>Ajuga</i> L.	<i>A. chamaepitys</i> (L.) Scheber	(28)	M. Markova & Thu (1974); M. Markova (1982b)
		<i>A. genevensisi</i> L.	32	M. Markova & Thu (1974); M. Markova (1982b)
		<i>A. laxmanii</i> (L.) Benth	62	M. Markova & P. Ivanova (1961a, 1961b)
		<i>A. pyramidalis</i> L.	32	Peev (1975b); M. Markova (1982b)
		<i>A. reptans</i> L.	32	M. Markova & P. Ivanova (1970); M. Markova (1982b)
		<i>A. salicifolia</i> (L.) Schreber	24	M. Markova (1982b)

	Taxa		Somatic chromosome numbers	References
Families	Genera	Species		
	<i>Ballota</i> L.	<i>B. nifgra</i> L.	22	M. Markova & Thu (1974); Jasiewicz & Mizianty (1975)
	<i>Betonica</i> L.	<i>B. bulgarica</i> Degen & Neic.	16	Koeva (1975, 1977)
		<i>B. hausknechtii</i> Vechtr ex Hauskn.	16	Koeva (1975)
	<i>Calamintha</i> Miller	<i>C. acinos</i> (L.) Clairv.	18	M. Markova & Thu (1974); van Loon & van Setten (1982)
		<i>C. alpina</i> (L.) Lam.	18	M. Markova & Thu (1974); Jasiewicz & Mizianty (1975)
		<i>C. grandiflora</i> (L.) Moench	22	M. Markova & Thu (1974)
		<i>C. nepeta</i> (L.) Savi	18	M. Markova & Thu (1974)
		<i>C. officinalis</i> (L.) Moench	20	M. Markova & Thu (1974)
	<i>Clinopodium</i> L.	<i>C. vulgare</i> L.	20	M. Markova & P. Ivanova (1971a, 1971b); van Loon & van Setten (1982); Andreev (in press)
	<i>Glechoma</i> L.	<i>G. hederacea</i> L.	36	M. Markova & P. Ivanova (1973)
		<i>H. hirsuta</i> Waldst. & Kit.	36	M. Markova & Thu (1974)
	<i>Hyssopus</i> L.	<i>H. officinalis</i> L.	12	M. Markova & Thu (1974)
	<i>Lamium</i> L.	<i>L. amplexicaule</i> L.	18	M. Markova & Thu (1974)
		<i>L. galeobdolon</i> (L.) L.	18	M. Markova & P. Ivanova (1971b)
		<i>L. garganicum</i> L.	18	Borsos (1971); M. Markova & P. Ivanova (1974)

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
		<i>L. purpureum</i> L.	18	M. Markova & Thu (1974)
	<i>Leonorus</i> L.	<i>L. cardiaca</i> L.	18	M. Markova & P. Ivanova (1971b, 1972)
	<i>Marrubium</i> L.	<i>M. peregrinum</i> L.	32	M. Markova & P. Ivanova (1971b)
		<i>M. velutinum</i> Sibth. & Sm.	32	M. Markova & P. Ivanova (1971b)
		<i>M. vulgare</i> L.	34	M. Markova & P. Ivanova (1971b, 1972)
	<i>Melissa</i> L.	<i>M. officinalis</i> L.	32	M. Markova & Thu (1974)
	<i>Mentha</i> L.	<i>M. arvensis</i> L.	(66)	M. Markova (1983a)
			72	Harley & Brighton (1974)
		<i>M. longifolia</i> (L.) Hudson	24	M. Markova & P. Ivanova (1972); Harley & Brighton (1974)
		<i>M. pulegium</i> L.	20	M. Markova & P. Ivanova (1972); Harley & Brighton (1974)
		<i>M. spicata</i> L.	48	Harley & Brighton (1974)
	<i>Micromeria</i> Benth.	<i>M. cristata</i> (Hampe) Griseb.	30	M. Markova & Thu (1974)
		<i>M. dalmatica</i> Benth.	22	M. Markova (1986, 1989)
		<i>M. juliana</i> (L.) Benth. ex Reichen.	30	M. Markova (1986, 1989)
	<i>Nepeta</i> L.	<i>N. cataria</i> L.	34	M. Markova & Thu (1974)
		<i>N. pannonica</i> L.	18	M. Markova & Thu (1974)
	<i>Origanum</i> L.	<i>O. vulgare</i> L.	30	M. Markova & P. Ivanova (1971b); van Loon & van Setten (1982)

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
	<i>Phlomis</i> L.	<i>P. tuberosa</i> L.	22	M. Markova (1970a)
	<i>Prunella</i> L.	<i>P. grandiflora</i> Jacq.	28	M. Markova & P. Ivanova (1974); Andreev (in press)
		<i>P. laciniata</i> L.	28	Kozuharov & Kuzmanov (1969a)
		<i>P. vulgaris</i> L.	28	M. Markova & Thu (1974); Andreev (in press)
	<i>Salvia</i> L.	<i>S. aethiopsis</i> L.	22	M. Markova & P. Ivanova (1974, 1982)
		<i>S. argentea</i> L.	22	M. Markova (1970a); M. Markova & Thu (1974); M. Markova & P. Ivanova (1982)
		<i>S. austriaca</i> Jacq.	18	M. Markova & P. Ivanova (1982)
		<i>S. forskahlei</i> L.	16	M. Markova & P. Ivanova (1982)
		<i>S. grandiflora</i> Etlinger	16	M. Markova (1970a); M. Markova & P. Ivanova (1982)
		<i>S. glutinosa</i> L.	16	M. Markova & P. Ivanova (1971b, 1982)
		<i>S. nemorosa</i> L.	14	M. Markova & P. Ivanova (1974, 1982)
		<i>S. nutans</i> L.	22	M. Markova & P. Ivanova (1982)
		<i>S. pinnata</i> L.	14	M. Markova & Cernea (1982, 1984)
		<i>S. pratensis</i> L.	18	M. Markova & P. Ivanova (1982)

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
			32	M. Markova & P. Ivanova (1982)
		<i>S. ringens</i> Sibth. & Sm.	12	M. Markova & P. Ivanova (1982)
		<i>S. scabiosifolia</i> Lam;	14	M. Markova & P. Ivanova (1982)
		<i>S. sclarea</i> L.	22	M. Markova (1970); M. Markova & P. Ivanova (1982)
		<i>S. verbenaca</i> L.	16 (56)	M. Markova & P. Ivanova (1982)
		<i>S. verticillata</i> L.	16	M. Markova (1970a); M. Markova & P. Ivanova (1982)
		<i>S. virgata</i> Jacq.	16, 18	M. Markova (1970a); M. Markova & P. Ivanova (1982)
		<i>S. viridis</i> L.	16	M. Markova & Thu (1974); M. Markova & P. Ivanova (1982)
	<i>Satureja</i> L.	<i>S. coerulea</i> Janka	30	M. Markova (1983b)
		<i>S. cuneifolia</i> Ten.	30	M. Markova (1986, 1989)
		<i>S. montana</i> L.	30	M. Markova (1983b)
		<i>S. pilosa</i> Velen.	30	M. Markova (1983b)
	<i>Scutellaria</i> L.	<i>S. albida</i> L.	34	M. Markova & P. Ivanova (1974)
		<i>S. alpina</i> L.	22	Andreev (1982)
		<i>S. altissima</i> L.	34	M. Markova & P. Ivanova (1974)
		<i>S. angustifolia</i> Bieb.	24	Koeva (1978)
		<i>S. columnae</i> All.	32	M. Markova & Thu (1974); van Loon & van Setten (1982)
		<i>S. velenovskyi</i> Rech. fil.	34	van Loon & van Setten (1982)

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
	<i>Sideritis</i> L.	<i>S. montana</i> L.	16	M. Markova & Thu (1974); van Loon & van Setten (1982)
		<i>S. scardica</i> Griseb.	32	Kozuharov & Kuzmanov (1965a)
	<i>Stachys</i> L.	<i>S. alpina</i> L.	30	Andreev (1981); Koeva (1988)
		<i>S. annua</i> L.	34	Koeva (1988)
		<i>S. arenariaeformis</i> Roi	34	Koeva (1988)
		<i>S. atherocalyx</i> C. Koch	34	Koeva (1988)
		<i>S. cretica</i> L.	30	Koeva (1975, 1976, 1977, 1978)
		<i>S. germanica</i> L.	30	van Loon & van Setten (1982); Koeva (1988)
		<i>S. hausknechtii</i> Hauskn.	16	Koeva (1975, 1977)
		<i>S. leucoglossa</i> Griseb.	34@	Koeva (1977, 1988)
		<i>S. maritima</i> Goan	34	Koeva (1988)
		<i>S. milanii</i> Petrovic	28	Koeva (1982, 1988)
		<i>S. obliqua</i> Waldst & Kit.	30	Koeva (1988)
		<i>S. palustris</i> L.	102	Koeva (1988)
		<i>S. plumosa</i> Griseb.	34	Koeva (1975, 1977)
		<i>S. recta</i> L.	34	van Loon & van Setten (1982); Koeva (1978, 1988)
		<i>S. scardica</i> (Griseb) Hayek	16	Koeva (1975, 1977)
		<i>S. serbica</i> Pancic	16	Koeva (1977, 1978)
		<i>S. sylvatica</i> L.	64, 66	van Loon & van Setten (1982); Koeva (1988); Andreev (in press)

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
		<i>S. thracica</i> Davidov	30	Koeva (1975, 1977, 1988)
		<i>S. thymphaea</i> Hausskn.	30	Koeva (1988)
	<i>Teucrium</i> L.	<i>T. chamaedris</i> L.	58, 60, 62, 64	M. Markova & P. Ivanova (1971b); M. Markova & Thu (1974); M. Markova (1982b)
		<i>T. lamifolium</i> D'Urv	32	M. Markova (1982b)
		<i>T. montanus</i> L.	26	M. Markova & P. Ivanova (1974); M. Markova (1982b)
			96	M. Markova (1982b)
		<i>T. polium</i> L.	26	M. Markova & Thu (1974); M. Markova (1982b)
	<i>Thymus</i> L.	<i>Th. atticus</i> Celak	26	M. Markova (1987)
		<i>Th. callieri</i> Velen.	28	M. Markova (1983b)
		<i>Th. comptus</i> Friv.	28	M. Markova (1983b)
		<i>Th. jankae</i> Celak	28	M. Markova (1986, 1989)
		<i>Th. longicaule</i> C. Presl	56	M. Markova (1983b)
		<i>Th. moesiacus</i> Velen.	28	M. Markova (1989)
		<i>Th. pannonicus</i> All.	28	M. Markova (1983b)
		<i>Th. praecox</i> Opiz	56	M. Markova (1983b)
		<i>Th. pulegioides</i> L.	28	M. Markova (1987)
		<i>Th. sibthorpii</i> Bentham	28	M. Markova (1989)
		<i>Th. stojanovii</i> Degen	28	M. Markova (1987)
		<i>Th. striatus</i> Vahl	28	M. Markova (1989)

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
		<i>Th. thracicus</i> Velen.	28	M. Markova (1986)
			56	M. Markova (1983b)
		<i>Th. zygoideis</i> Griseb.	56	M. Markova (1989)
<i>Liliaceae</i>	<i>Allium</i> L. (summerized data in Cesmedziev 1989)	<i>A. albidum</i> Bieb	16	Popova (1968); Cesmedziev (1973a, 1975c)
		<i>A. amethystinum</i> Tausch	16	Cesmedziev (1979a)
		<i>A. ampeloprasum</i> L.	32	Cesmedziev (1970b, 1971b)
		<i>A. angulosum</i> L.	16	Cesmedziev (1973b)
		<i>A. atropurpureum</i> Waldst. & Kit.	16	Cesmedziev (1969, 1970b, 1971b, 1973a, 1975c)
		<i>A. atrovioleaceum</i> Boiss.	(24)	Cesmedziev (1974)
			32, 40	Cesmedziev (1970b, 1971b, 1974)
			48	Cesmedziev (1974)
		<i>A. carinatum</i> L.	16	Cesmedziev (1971b, 1973a)
		<i>A. cupani</i> Raf.	16	Cesmedziev (1973a)
		<i>A. cyrilii</i> Ten.	32	Cesmedziev (1984)
		<i>A. decipiens</i> Fischer ex Schultes fil.	16	Cesmedziev (1970b, 1971b, 1982); Jasiewicz & Mizianty (1975)
			32,33	Cesmedziev (1970b); van Loon & van Setten (1982)
		<i>A. fuscum</i> Waldst. & Kit.	16, 17	Cesmedziev (1970b, 1971a, 1975c))

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
			32	Cesmedziev (1970b, 1971a, 1975c)
		<i>A. guttatum</i> Steven	16	Cesmedziev (1970b, 1971b, 1973a, 1974)
		<i>A. melanatherum</i> Pancic	16	Cesmedziev (1976, 1979a)
			(24)	Cesmedziev (1971b)
		<i>A. moschatum</i> L.	16	Cesmedziev (1970b, 1971b, 1975a)
		<i>A. multibulbosum</i> Jacq.	16	Cesmedziev (1976)
		<i>A. nanum</i> (Ascherson & Graebner) Ceschn.	16	Cesmedziev (1976, 1979)
		<i>A. nigrum</i> L.	16	Cesmedziev (1969, 1970b, 1973b)
		<i>A. paczoskianum</i> Tuzson	32	Cesmedziev (1975c, 1982)
		<i>A. pallens</i> L.	32, 40	Cesmedziev (1970b, 1971a, 1975c)
		<i>A. paniculatum</i> L.	16	Cesmedziev (1970b, 1975a, 1979a, 1979b)
			(24)	Cesmedziev (1970b)
		<i>A. rhodopeum</i> Velen.	16	Cesmedziev (1969, 1970b, 1973a, 1976)
		<i>A. rotundum</i> L.	32, 40	Cesmedziev (1970b, 1971b, 1973a, 1976, 1979b)
			48	Cesmedziev (1971b)
		<i>A. saxatile</i> Bieb.	16	Cesmedziev (1973b)
		<i>A. scordoprasum</i> L.	16	Cesmedziev (1970b, 1971b, 1974)
			32	Cesmedziev (1973a, 1976)

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
		<i>A. scheonoprasum</i> L.	16	Cesmedziev (1973b, 1975b)
		<i>A. senescens</i> L.	32	Cesmedziev (1973b)
		<i>A.</i> <i>sphaerocephalon</i> L.	16	Cesmedziev (1970b, 1971b); van Loon & van Setten (1982)
		<i>A. stojanovii</i> Kovatschev	16	Cesmedziev (1970b)
		<i>A. tauricum</i> (Besser ex Reichenb.) Grossh.	32	Cesmedziev (1970b)
		<i>A. tenuiflorum</i> Ten.	16	Cesmedziev (1975b, 1979b)
		<i>A. ursinum</i> L.	14	Cesmedziev (1969, 1970b)
		<i>A. victorialis</i> L.	16	Cesmedziev (1973a)
		<i>A. vineale</i> L.	16	Cesmedziev (1974)
			32	Cesmedziev (1970b, 1973a, 1979a)
	<i>Anthericum</i> L.	<i>A. liliago</i> L.	30	Popova & Cesmedziev (1978)
			48	Moskova & Parvanova (1973)
		<i>A. ramosum</i> L.	30	Moskova & Parvanova (1973, 1975)
	<i>Asphodeline</i> Reichenb.	<i>A. liburnica</i> (Scop.) Reichenb.	14	Borhidi (1968)
			28	Popova (1972a, 1972c)
		<i>A. lutea</i> (L.) Reichenb.	28	Kozuharov, Popova & Kuzmanov (1968); Borhidi (1968)
		<i>A. taurica</i> (Pallas ex Bieb.) Kunth.	28	Popova (1972c)

	Taxa		Somatic chromosome numbers	References
Families	Genera	Species		
	<i>Colchicum</i> L.	<i>C. autumnale</i> L.	38	Popova & Cesmedziev (1978)
		<i>C. diampolis</i> Delip & Ceschum ex Kuzmanov & Kozuharov	18	Popova & Cesmedziev (1966)
		<i>C. doerfleri</i> Halacsy	54	Popova (1972a, 1972c)
	<i>Erythronium</i> L.	<i>E. dens-canis</i> L.	24	Popova (1968)
	<i>Fritillaria</i> L.	<i>F. graeca</i> Boiss & Spruner	24	Popova (1979)
		<i>F. orientalis</i> Adams	18	Popova (1979)
		<i>F. pontica</i> Wahlenb.	24	Popova (1979)
		<i>F. sibirnyi</i> Velen.	24	Popova (1972c, 1979)
		<i>F. tenella</i> Bieb.	18	Popova (1972c); Popova & Cesmedziav (1978)
	<i>Hyacinthella</i> Schur.	<i>H. leucophaea</i> (Koch.) Schur	20	Popova (1972a, 1972c)
	<i>Lilium</i> L.	<i>L. albanicum</i> Griseb.	24	Popova (1969)
		<i>L. jankae</i> A. Kerner	24	Popova (1969)
		<i>L. martagon</i> L.	14, 24 (36)	Popova (1973c)
		<i>L. rhodopeum</i> Delip.	24 (36)	Popova (1967)
	<i>Merendera</i> Ramond	<i>M. attica</i> (Spruner ex Tomasini) Boiss. & Spruner	54	Cesmedziev (1970a)
		<i>M. sobolifera</i> C. A. Meyer	54	Cesmedziev (1970a)
	<i>Muscari</i> Miller	<i>M. racemosum</i> DC.	18	Kozuharov & Kuzmanov (1964b)
	<i>Nectaroscordum</i> Lindley	<i>N. siculum</i> (Ucria) Lindley	18	Cesmedziev (1970b)
	<i>Ornithogalum</i> L.	<i>O. collinum</i> Guss.	18	M. Markova, Radenkova & P. Ivanova (1972, 1974)

	Taxa		Somatic chromosome numbers	References
Families	Genera	Species		
			36	M. Markova, Radenkova & P. Ivanova (1972, 1974)
		<i>O. comosum</i> L.	14	M. Markova, Radenkova & P. Ivanova (1972, 1974)
		<i>O. fimbriatum</i> Willd.	12, 14	M. Markova, Radenkova & P. Ivanova (1972, 1974)
			28	M. Markova, Radenkova & P. Ivanova (1972)
		<i>O. gussonii</i> Ten.	18	M. Markova, Radenkova & P. Ivanova (1972, 1974)
			36	M. Markova, Radenkova & P. Ivanova (1972, 1974)
		<i>O. montanum</i> Cyr.	14, 16	M. Markova, Radenkova & P. Ivanova (1972, 1974)
		<i>O. nanum</i> Sibth. & Sm.	14, 16, 18	M. Markova, Radenkova & P. Ivanova (1972, 1974)
			(24)	Kozuharov & Kuzmanov (1964b)
			28	M. Markova, Radenkova & P. Ivanova (1972, 1974)
		<i>O. narbonense</i> L.	(24)	M. Markova (1983a)
		<i>O. oligophyllum</i> Clark.	(24)	M. Markova, Radenkova & P. Ivanova (1972, 1974)

	Taxa		Somatic chromosome numbers	References
Families	Genera	Species		
		<i>O. refractum</i> Kit. ex Schlecht	54	M. Markova, Radenkova & P. Ivanova (1972, 1974)
			72	M. Markova, Radenkova & P. Ivanova (1972, 1974)
		<i>O. umbellatum</i> L.	36, 44, 46	M. Markova, Radenkova & P. Ivanova (1972, 1974)
			54	M. Markova, Radenkova & P. Ivanova (1972, 1974)
	<i>Paris</i> L.	<i>P. quadrifolia</i> L.	20	Moscova & Parvanova (1975)
	<i>Polygonatum</i> Miller	<i>P. latifolium</i> (Jacq.) Desf.	20	Popova (1973a)
		<i>P. multiflorum</i> (L.) All.	20	Popova (1973a)
		<i>P. officinale</i> All.	20	Popova (1973a)
		<i>P. verticillatum</i> (L.) All.	28	Popova (1973a)
	<i>Ruscus</i> L.	<i>R. aculeatus</i> L.	40	Popova & Cesmedziev (1978)
		<i>R. hypoglossum</i> L.	40	Popova & Cesmedziev (1978)
	<i>Scilla</i> L.	<i>S. autumnalis</i> L.	14	Popova (1972a)
		<i>S. bifolia</i> L.	18	Popova (1972a); Moscova & Georgiev (1972))
		<i>S. bithynica</i> Boiss.	12	Popova (1982a); Krusheva (1986)
	<i>Smilax</i> L.	<i>S. excelsa</i> L.	32	Cesmedziev (1983)
	<i>Tulipa</i> L.	<i>T. rhodopea</i> (Velen.) Velen.	24	Popova (1972c)
		<i>T. thracica</i> Davidov	36	Popova (1972c)
			48	Popova (1972c)
		<i>T. urumoffii</i> Havek	24	Popova (1972c)

	Taxa		Somatic chromosome numbers	References
Families	Genera	Species		
Linaceae	<i>Linum</i> L.	<i>L. alpinum</i> Jacq.	18	Petrova (1972, 1973)
		<i>L. austriacum</i> L.	18	Petrova (1972, 1973)
		<i>L. bienne</i> Miller	30	Petrova (1972, 1973)
		<i>L. capitatum</i> Kit. ex Scultes	28	Petrova (1972, 1973)
		<i>L. catharticum</i> L.	16	Petrova (1972, 1973)
		<i>L. corymbulosum</i> Reichenb.	18	Petrova (1972, 1973)
		<i>L. elegans</i> Spruner.ex Boiss.	28	Petrova (1972, 1973)
		<i>L. hirsutum</i> L.	16	Petrova (1972, 1973)
		<i>L. hologynum</i> Reichenb.	42	Petrova (1972, 1973)
		<i>L. nervosum</i> Waldst. & Kit.	54	Petrova (1972, 1973)
		<i>L. nodiflorum</i> L.	26	Petrova (1972, 1973)
		<i>L. pallasianum</i> Schultes	28	Petrova (1972)
		<i>L. tauricum</i> Willd.	28	Petrova (1972, 1973)
		<i>L. tenuiflorum</i> L.	18	Petrova (1972, 1973)
		<i>L. thracicum</i> Degen	28	Petrova (1972, 1973)
		<i>L. trigynum</i> L.	20	Petrova (1972, 1973)
		<i>L. uninerve</i> (Rochel) Jav.	28	Petrova (1972, 1973)
Lythraceae	<i>Lythrum</i> L.	<i>L. salicaria</i> L.	60	M. Markova & Goranova (1987)
Malvaceae	<i>Abutilon</i> Miller	<i>A. theophrastii</i> Medicus	42	M. Markova (1982a)
		<i>A. heldreichii</i> (Boiss.) Boiss.	42	M. Markova (1989)
	<i>Alcea</i> L.	<i>A. pallida</i> (Willd.) Waldst. & Kit.	42	M. Markova (1982a)
		<i>A. cannabina</i> L.	84	M. Markova (1982a)
		<i>A. hirsuta</i> L.	50	M. Markova (1982a)

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
		<i>A. officinalis</i> L.	42	M. Markova (1982a)
	<i>Hibiscus</i> L.	<i>H. trionum</i> L.	28	Popova (1968)
	<i>Malva</i> L.	<i>M. neglecta</i> Waller.	42	M. Markova (1982a)
		<i>M. sylvestris</i> L.	42	M. Markova (1982a)
<i>Oleaceae</i>	<i>Jasminum</i> L.	<i>J. fruticans</i> L.	26	M. Markova & Goranova (1987)
	<i>Ligustrum</i> L.	<i>L. vulgare</i> L.	46	M. Markova (1970a)
<i>Onagraceae</i>	<i>Epilobium</i> L.	<i>E. alsinifolium</i> Vill.	36	Andreev (in press)
		<i>E. anagallidifolium</i> Lam.	36	Andreev (in press)
<i>Orchidaceae</i>	<i>Cephalanthera</i> L.C.M. Richard	<i>C. epipactoides</i> Fischer & C.A.Meyer	32	M. Markova & Cernea (1982, 1984)
	<i>Epipactis</i>	<i>E. latifolia</i> (L.) All.	38	Cesmedziev (1976)
<i>Paeoniaceae</i>	<i>Paeonia</i> L.	<i>P. peregrina</i> Miller	20	Popova & Cesmedziev (1978)
<i>Papaveraceae</i>	<i>Chelidonium</i> L.	<i>C. majus</i> L.	12	Kozuharov, Popova & Kuzmanov (1968); van Loon & van Setten (1982); Stoeva (1985)
	<i>Glaucium</i> Miller	<i>G. flavum</i> Crantz	12	Ancev (1974b); Cesmedziev (1983); Stoeva (1985, 1987a)
	<i>Fumaria</i> L.	<i>F. officinalis</i> L.	16	van Loon & van Setten (1982)
	<i>Papaver</i> L.	<i>P. apulum</i> Ten.	14	Stoeva (1987a)
		<i>P. degenii</i> (Urum. & Jäv) Kuzmanov	14	Andreev (1981)
		<i>P. dubium</i> L.	28	Stoeva (1987a)
		<i>P. rhoeas</i> L.	14	Stoeva (1985)
<i>Plantaginaceae</i>	<i>Plantago</i> L.	<i>P. argentea</i> Chaix	12	Kozuharov & Petrova (1974a)
		<i>P. atrata</i> Hoppe	12	Kozuharov & Petrova (1974a)

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
			24	Kozuharov & Petrova (1974a)
		<i>P. carinata</i> Schrader ex Mert. & Koch	12	Kozuharov & Petrova (1974a)
		<i>P. coronopus</i> L.	10	Kozuharov & Petrova (1974a)
		<i>P. gentianoides</i> Sm.	12	Kozuharov & Petrova (1974a)
		<i>P. indica</i> L.	12	Kozuharov & Petrova (1974a)
		<i>P. lanceolata</i> L.	12	Kozuharov & Petrova (1974a)
		<i>P. major</i> L.	12	Kuzmanov & Kozuharov (1969); Kozuharov & Petrova (1974a)
		<i>P. media</i> L.	24	Kozuharov & Petrova (1974a)
<i>Plumbaginaceae</i>	<i>Armeria</i> Willd.	<i>A. rumelica</i> Boiss.	12	Ancev (1982a)
	<i>Goniolimon</i> Boiss.	<i>G. besserianum</i> (Schultes ex Reichenb.) Kusn.	32	Ancev (1982a)
		<i>G. collinum</i> (Griseb.) Boiss.	32	Ancev (1982a)
		<i>G. tataricum</i> (L.) Boiss.	32	Ancev (1982a)
	<i>Limonium</i> Miller	<i>L. bulgaricum</i> Ancev	36	Ancev (1982a)
<i>Poaceae</i> (summarized data in Kozuharov (1985))	<i>Achnaterum</i> Beauv.	<i>A. calamagrostis</i> (L.) Beauv.	24	Kozuharov & Petrova (1991)
	<i>Aeluropus</i> Trin.	<i>A. littoralis</i> (Gouan) Parl.	20	Kozuharov & Petrova (1991)
	<i>Aegilops</i> L.	<i>A. columnaris</i> Zhuc.	42	Kozuharov, Petrova & Janeva (1983)
		<i>A. cylindrica</i> Host	28	Kozuharov, Petrova & Janeva (1983)
		<i>A. geniculata</i> Roth.	28	Kozuharov, Petrova & Janeva (1983)

	Taxa		Somatic chromosome numbers	References
Families	Genera	Species		
		<i>A. dichasians</i> (Zhuk.) Humphries	14	Kozuharov, Petrova & Janeva (1983)
		<i>A. neglecta</i> Bertol.	28	Kozuharov, Petrova & Janeva (1983)
		<i>A. ovata</i> L.	28	Kozuharov, Petrova & Janeva (1983)
		<i>A. speltoides</i> Tausch	14	Kozuharov, Petrova & Janeva (1983)
		<i>A. triuncinalis</i> L.	28	Kozuharov, Petrova & Janeva (1983)
	<i>Agrostis</i> L.	<i>A. canina</i> L.	28	Kozuharov & Nikolova (1975)
		<i>A. capillaris</i> L.	28	Kozuharov & Petrova (1991)
		<i>A. castellana</i> Boiss. & Reuter	28	Kozuharov & Petrova (1991)
		<i>A. rupestris</i> All.	14	Andreev (in press)
		<i>A. stolonifera</i> L.	42	Kozuharov & Petrova (1991)
	<i>Agropyron</i> Gaertner	<i>A. brandzae</i> Panty & Solac.	14	Petrova & Kozuharov (1983)
		<i>A. caninum</i> (L.) Beauv.	28	Kozuharov & Petrova (1976); Kozuharov (1976)
		<i>A. pectiniforme</i> Roemer & Schultes	14	Kozuharov & Petrova (1973, 1983)
			28	Kozuharov & Kuzmanov (1968b); Kozuharov & Petrova (1975, 1983)
	<i>Aira</i> L.	<i>A. caryophylea</i> L.	14	Kozuharov & Petrova (1981a)
	<i>Alopecurus</i> L.	<i>A. aequalis</i> Sobol.	14	Kozuharov & Kuzmanov (1964b)

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
		<i>A. arundinaceus</i> Poir.	28	Kozuharov & Petrova (1991)
		<i>A. geniculatus</i> L.	28	Kozuharov & Petrova (1991)
		<i>A. myosuroides</i> Hudson	28	Kozuharov & Petrova (1991)
		<i>A. pratensis</i> L.	28	Kozuharov & Kuzmanov (1970)
		<i>A. rendei</i> Eig	24	Kozuharov & Petrova (1991)
		<i>A. thracicus</i> Penev et Kozuharov	14	Kozuharov & Kuzmanov (1968b)
	<i>Ammophila</i> Host.	<i>A. arenaria</i> (L.) Link	28	Kozuharov & Petrova (1981a)
	<i>Anthoxanthum</i>	<i>A. odoratum</i> L.	10	Kozuharov & Petrova (1973)
		<i>A. aristatum</i> Boiss.	10	Kozuharov & Petrova (1991)
	<i>Apera</i> Adanson	<i>A. spica-venti</i> (L.) Beauv.	14	Kozuharov & Petrova (1981a)
	<i>Arrhenatherum</i> Beauv.	<i>A. elatius</i> (L.) Beauv. ex L. & C.Presl	28	Kozuharov & Kuzmanov (1968b); Andreev (1979)
		<i>A. palaestinum</i> Boiss	14	Kozuharov & Petrova (1991)
	<i>Avena</i> L.	<i>A. barbata</i> Link.	14	Kozuharov & Petrova (1991)
		<i>A. clauda</i> Durieu	14	Kozuharov & Petrova (1991)
		<i>A. fatua</i> L.	42	Kozuharov & Petrova (1991)
		<i>A. sterilis</i> L.	42	Kozuharov & Petrova (1991)
	<i>Avenastrum</i> Opiz	<i>A. australe</i> (Parl.) Halacsy	14	Kozuharov & Petrova (1975)
		<i>A. pubescens</i> (Hudson) Opiz	14	Andreev (1979)
	<i>Avenula</i> (Dumort) Dumort	<i>A. pubescens</i> (Hudson) Dumort	28	Kozuharov & Petrova (1991)
		<i>A. versicolor</i> (Vill.) Lainz	14	Kozuharov & Petrova (1991)

	Taxa		Somatic chromosome numbers	References
Families	Genera	Species		
	<i>Bellardiochloa</i> Chiov.	<i>B. violaceae</i> (Bellardi) Chiov.	14	Krusheva (1975); Kozuharov & Petrova (1991)
	<i>Brachypodium</i> Beauv.	<i>B. distachyon</i> (L.) Beauv.	10	Kozuharov & Petrova (1973); Kozuharov, Petrova & Stoeva (1974b)
		<i>B. glaucovirens</i> (Murb.) Fritsch	16	Kozuharov & Petrova (1973); Kozuharov, Petrova & Stoeva (1974b)
		<i>B. pinatum</i> (L.) Beauv.	14, 16, 18,	Kozuharov & Petrova (1973); Kozuharov, Petrova & Stoeva (1974b); Kozuharov & Petrova (1976)
			28	Kozuharov & Petrova (1973); Kozuharov, Petrova & Stoeva (1974b); Kozuharov & Petrova (1976)
		<i>B. sylvaticum</i> (Hudson) Beauv.	16, 18	Kozuharov & Kuzmanov (1970); Kozuharov & Petrova (1973, 1976); Kozuharov, Petrova & Stoeva (1974b)
			28	Kozuharov & Petrova (1973, 1976); Kozuharov, Petrova & Stoeva (1974b)
			44	Kozuharov & Petrova (1973, 1976); Kozuharov, Petrova & Stoeva (1974b)

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
			56	Kozuharov & Petrova (1973, 1976); Kozuharov, Petrova & Stoeva (1974b)
	<i>Briza</i> L.	<i>B. maxima</i> L.	14	Kozuharov & Petrova (1973); Kozuharov, Petrova & Stoeva (1974a)
		<i>B. media</i> L.	14	Kozuharov & Kuzmanov (1968c); Kozuharov & Petrova (1973); Kozuharov, Petrova & Stoeva (1974a)
			28	Kozuharov & Kuzmanov (1968c); Kozuharov & Petrova (1973, 1976); Kozuharov, Petrova & Stoeva (1974a)
		<i>B. spicata</i> Sibth. & Sm.	14	Kozuharov & Petrova (1973); Kozuharov, Petrova & Stoeva (1974a)
	<i>Bromus</i> L.	<i>B. arvensis</i> L.	14	Kozuharov, Stoeva & Kuzmanov (1974); Kozuharov & Petrova (1976); Kozuharov, Petrova & Ehrendorfer (1981)
		<i>B. barcensis</i> Simonkai	14	Kozuharov & Petrova (1976); Kozuharov, Petrova & Ehrendorfer (1981)

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
			28	Kozuharov, Petrova & Ehrendorfer (1981)
			56	Kozuharov & Petrova (1976); Kozuharov, Petrova & Ehrendorfer (1981)
			70	Kozuharov & Petrova (1976); Kozuharov, Petrova & Ehrendorfer (1981)
		<i>B. benekenii</i> (Lange) Trimen	28	Kozuharov, Petrova & Ehrendorfer (1981)
		<i>B. commutatus</i> Schrader	28	Kozuharov, Stoeva & Kuzmanov (1974); Kozuharov & Petrova (1976); Kozuharov, Petrova & Ehrendorfer (1981)
		<i>B. erectus</i> Hudson	28	Kozuharov & Petrova (1976)
			56	Kozuharov & Petrova (1976); Kozuharov, Petrova & Ehrendorfer (1981)
			70	Kozuharov, Petrova & Ehrendorfer (1981)
		<i>B. fibrosus</i> Hackel	14	Kozuharov & Petrova (1976)
			56	Kozuharov & Petrova (1976)

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
			70	Kozuharov & Petrova (1976)
		<i>B. hordeaceus</i> L.	28	Kozuharov, Petrova & Ehrendorfer (1981)
		<i>B. inermis</i> Leysser	56	Kozuharov & Petrova (1976); Kozuharov, Petrova & Ehrendorfer (1981)
		<i>B. japonicus</i> Thunb.	14	Kozuharov & Kuzmanov (1968b); Kozuharov Stoeva & Kuzmanov (1974); Kozuharov, Petrova & Ehrendorfer (1981)
		<i>B. lacmonicus</i> Hausskn.	56	Kozuharov, Petrova & Ehrendorfer (1981)
		<i>B. lanceolatus</i> Roth.	28	Kozuharov & Petrova (1976); Kozuharov, Petrova & Ehrendorfer (1981)
		<i>B. macedonicus</i>	70	Kozuharov, Petrova & Ehrendorfer (1981)
		<i>B. madritensis</i> L.	28	Kozuharov, Stoeva & Kuzmanov (1974); Kozuharov, Petrova & Ehrendorfer (1981)

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
		<i>B. moesiacus</i> Velen.	14	Kozuharov, Petrova & Ehrendorfer (1981)
		<i>B. mollis</i> L.	28	Kozuharov, Stoeva & Kuzmanov, (1974)
		<i>B. parillicus</i> Kozuharov & Petrova & Ehrendorfer	14	Kozuharov, Petrova & Ehrendorfer (1981)
		<i>B. patulus</i> Mert. & Koch	14	Kozuharov & Kuzmanov (1968c)
		<i>B. ramosus</i> Hudson	28	Kozuharov & Petrova (1976, 1991); Kozuharov, Petrova & Ehrendorfer (1981)
			42	Kozuharov & Petrova (1976); Kozuharov, Petrova & Ehrendorfer (1981)
		<i>B. riparius</i> Rehmann	70	Kozuharov, Petrova & Ehrendorfer (1981)
		<i>B. scoparius</i> L.	14	Kozuharov & Kuzmanov (1968b); Kozuharov, Stoeva & Kuzmanov (1974); Kozuharov, Petrova & Ehrendorfer (1981)

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
		<i>B. squarrosus</i> L.	14	Kozuharov & Kuzmanov (1968b); Kozuharov, Stoeva & Kuzmanov (1974); Jasiewicz & Mizianty (1975); Kozuharov & Petrova (1976); Kozuharov, Petrova & Ehrendorfer (1981); van Loon & van Setten (1982)
		<i>B. sterilis</i> L.	14	Kozuharov, Stoeva & Kuzmanov (1974); Kozuharov & Petrova (1976); Kozuharov, Petrova & Ehrendorfer (1981)
		<i>B. tectorum</i> L.	14	Kozuharov, Stoeva & Kuzmanov (1974); Kozuharov & Petrova (1976); Kozuharov, Petrova & Ehrendorfer (1981)
	<i>Calamagrostis</i> Adanson	<i>C. arundinacea</i> (L.) Roth.	28	Kozuharov & Kuzmanov (1970); Kozuharov & Petrova (1976); Andreev (1979)
	<i>Catapodium</i> Link	<i>C. rigidum</i> (L.) C.E. Hubbard	14	Kozuharov & Petrova (1974b)
	<i>Chrysopogon</i> Trin.	<i>C. gryllis</i> (L.) Trin.	40	Kozuharov & Petrova (1981)

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
	<i>Cynosurus</i> L.	<i>C. cristatus</i> L.	14	Kozuharov & Petrova (1973, 1976)
		<i>C. echinatus</i> L.	14	Kozuharov & Kuzmanov (1970); Kozuharov & Petrova (1973, 1976)
	<i>Danthonia</i> DC.	<i>D. calycina</i> (Vill.) Reichenb.	86	Kozuharov & Petrova (1981a)
	<i>Dichantium</i> Willmet	<i>D. ischaemum</i> (L.) Roberty	40	Christov & Moskova (1972); Kozuharov & Petrova (1976, 1981a)
	<i>Dactylis</i> L.	<i>D. aschersoniana</i> Graebner	14	Popova (1963)
		<i>D. glomerata</i> L.	28	Popova (1963); Kozuharov & Kuzmanov (1970); Kozuharov & Petrova (1973, 1976); Andreev (in press)
		<i>D. hispanica</i> Roth.	28	Kozuharov & Petrova (1973)
	<i>Danthoniastrum</i> (J. Holub) J. Holub	<i>D. compactum</i> (Boiss. et Heldr.) J. Holub	14	Kozuharov & Petrova (1991)
	<i>Dasypyrum</i> (Cosson & Duriev) Durand	<i>D. villosum</i> (L.) P. Candargy	14	Kozuharov & Kuzmanov (1965b); Kozuharov & Petrova (1973, 1981a)
	<i>Deschampsia</i> Beauv.	<i>D. caespitosa</i> (L.) Beauv	24, 26	Kozuharov & Kuzmanov (1964b); Kozuharov & Petrova (1973, 1976); Stoeva (1982); Stoeva & Kozuharov (1983)

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
			52	Kozuharov & Petrova (1973, 1976); Stoeva (1982, 1988); Stoeva & Kozuharov (1983)
		<i>D. flexuosa</i> (L.) Trin.	14	Stoeva (1982, 1983b)
			28	Stoeva (1982, 1983b)
	<i>Desmazeria</i> Dumort	<i>D. rigida</i> (L.) Tutin	14	Kozuharov & Petrova (1973)
	<i>Diplachne</i> Beauv.	<i>D. bulgarica</i> (Bornm.) Roshev.	40	Kozuharov & Petrova (1973, 1974b)
		<i>D. serotina</i> (L.) Link.	40	Kozuharov & Petrova (1973, 1974b)
	<i>Drymochloa</i> Holub.	<i>D. paniculata</i> (L.) Kozuharov	42	Kozuharov & Petrova (1991)
	<i>Echinaria</i> Desf.	<i>E. capitata</i> (L.) Desf.	18	Kozuharov & Petrova (1973, 1974b)
	<i>Echinochloa</i> Beauv.	<i>E. crus-gali</i> (L.) Beauv.	56	Kozuhaov & Petrova (1991)
	<i>Elymus</i> L.	<i>E. caninus</i> (L.) L.	28	Petrova & Kozuharov (1983)
	<i>Elytrigia</i> Desf.	<i>E. elongata</i> (Host) Vale, Nevski	14	Kozuharov & Kuzmanov (1970)
		<i>E. intermedia</i> (Host) Nevski	42	Petrova & Kozuharov (1983)
		<i>E. juncea</i> (L.) Nevski	42	Kozuharov & Petrova (1983)
		<i>E. pycnantha</i> (Godron) Löve	42	Kozuharov & Petrova (1983)
		<i>E. repens</i> (L.) Nevski	42	Kozuharov & Petrova (1976); Petrova & Kozuharov (1983)
	<i>Eragrostis</i> N.M.Wolf	<i>E. cilianensis</i> (All.) Hubbard	40	Kozuharov & Petrova (1991)

	Taxa		Somatic chromosome numbers	References
Families	Genera	Species		
		<i>E. minor</i> Host	40	Kozuharov & Petrova (1991)
	<i>Eremopoa</i> Roshev.	<i>E. songorica</i> (Schr.) Roshev.	48	Stoeva (1982)
	<i>Erianthus</i> Michx	<i>E. ravennae</i> (L.) Beauv.	20	Kozuharov & Petrova (1991)
	<i>Festuca</i> L.	<i>F. achtarovii</i> Kozuharov	42	Kozuharov & Petrova (1991)
		<i>F. airoides</i> Lam.	14	Kozuharov & Petrova (1991)
		<i>F. alpina</i> Suter	14	Kozuharov & Petrova (1973, 1976)
		<i>F. amethystina</i> L.	14	Petrova & Kozuharov (1987)
		<i>F. arenicola</i> (Prodan) Soó	14	Kozuharov & Petrova (1991)
		<i>F. asperifolia</i>	42	Petrova & Kozuharov (1987)
		<i>F. callieri</i> (Hackel ex St- Yves) Markgraf	14	Kozuharov & Petrova (1991)
		<i>F. daskalovii</i> Kozuharov	28	Kozuharov & Petrova (1991)
		<i>F. diffusa</i> Dumort	42	Petrova & Kozuharov (1987)
		<i>F. gigantea</i> (L.) Vill.	14	Kozuharov & Petrova (1991)
			42	
		<i>F. heterophylla</i> Lam.	28	Petrova & Kozuharov (1987); Andreev (in press)
		<i>F. hirtovaginata</i> (Acht.) Markgr.-Dannenb.	28	Kozuharov & Petrova (1991)
		<i>F. horvatiana</i> Markgr.-Dannenb	14	Kozuharov & Petrova (1991)
		<i>F. illyrica</i> Markgr.-Dannenb	(21)	Kozuharov & Petrova (1991)
		<i>F. kitanovii</i> Kozuharov	28	Kozuharov & Petrova (1991)

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
		<i>F. nigrescens</i> Lam.	28	Kozuharov & Petrova (1973)
		<i>F. oviniiformis</i> Veter	42	Kozuharov & Petrova (1991)
		<i>F. pachyphylla</i> Degen ex F.I.Nyàrády	42	Kozuharov & Petrova (1991)
		<i>F. panciciana</i> (Hackel.) K. Richter	28	Kozuharov & Petrova (1991)
		<i>F. peristerea</i> (Veter) Markgr.- Dannenb.	14	Kozuharov & Petrova (1976); Petrova & Kozuharov (1987)
		<i>F. picturata</i> G. Pils	28	Petrova & Kozuharov (1987)
		<i>F. pirinensis</i> Acht.	14.	Kozuharov & Kuzmanov (1970)
		<i>F. pirinica</i> I. Horvat ex Mergr.-Dannenb	14	Kozuharov & Petrova(1991)
		<i>F. pratensis</i> Hudson	14	Kozuharov & Petrova (1973,1991)
		<i>F.</i> <i>pseudodalmatica</i> Krajina ex Domin	42	Kozuharov & Petrova (1991)
		<i>F. riloensis</i> (Hackel ex Hayek) Merkgr.- Dannenb.	14	Kozuharov & Petrova (1991)
		<i>F. rubra</i> L.	28	Petrova & Kozuharov (1987)
		<i>F. rupicola</i> Heuffel	28	Kozuharov & Petrova (1991)
			42	Kozuharov & Petrova (1991)
		<i>F. stojanovii</i> (Acht.) Kozeuharov	14	Kozuharov & Petrova (1991)
		<i>F. thracica</i> (Acht.) Markgr.-Dannenb.	14	Kozuharov & Petrova (1991)
		<i>F. valesiaca</i> Schleicher ex Gaudin	14	Kozuharov & Petrova (1991)

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
	<i>Festucopsis</i> (C. E. Hubbard.) Melderis	<i>F. sancta</i> (Janka) Melderis	14	Kozuharov & Petrova (1973, 1981b)
	<i>Gastridium</i> Beauv.	<i>G. ventricosus</i> (Gouan) Schinz & Thell	14	Kozuharov & Petrova (1991)
	<i>Glyceria</i> R. Br.	<i>G. fluitans</i> (L.) R. Br.	40	Kozuharov & Petrova (1973, 1976)
	<i>Holcus</i> L.	<i>H. lanatus</i> L.	14	Kozuharov & Nikolova (1975); Kozuharov & Petrova (1976)
		<i>H. mollis</i> L.	14	Kozuharov & Kuzmanov (1968c); Kozuharov & Petrova (1976)
	<i>Hordelymus</i> (Jessen) C. O. Harz	<i>H. europaeus</i> (L.) C. O. Harz	28	Petrova, Kozuharov & Bancev (1984)
	<i>Hordeum</i> L.	<i>H. asperum</i> (Simonkay) Degen	14	Kozuharov & Petrova (1975)
		<i>H. bulbosum</i> L.	28	Petrova, Kozuharov & Bancev (1984)
		<i>H. hystrix</i> Roth	14	Petrova, Kozuharov & Bancev (1984)
		<i>H. leporinum</i> Link	28	Petrova, Kozuharov & Bancev (1984)
		<i>H. marinum</i> Hudson	14	Petrova, Kozuharov & Bancev (1984)
		<i>H. murinum</i> L.	28	Petrova, Kozuharov & Bancev (1984)
		<i>H. secalinum</i> Schreber	42	Petrova, Kozuharov & Bancev (1984)
	<i>Koeleria</i> Pers.	<i>K. achtarovii</i> Kozuharov	14	Kozuharov & Petrova (1991)
		<i>K. eriostachya</i> Pancic	56	Kozuharov & Petrova (1991)

	Taxa		Somatic chromosome numbers	References
Families	Genera	Species		
			70	Kozuharov, Petrova & Nenova (1988)
		<i>K. fenzliana</i> Schur	28	Kozuharov, Petrova & Nenova (1988)
		<i>K. macrantha</i> (Ledeb.) Schultes	14	Kozuharov, Petrova & Nenova (1988)
		<i>K. mitruschii</i> Ujhelyi	28	Kozuharov, Petrova & Nenova (1988)
		<i>K. nitidula</i> Velen.	14	Moskova (1969, 1975); Kozuharov, Petrova & Nenova (1988)
		<i>K. phleoides</i> (Vill.) Pers.	26	Moskova & Parvanova (1975)
		<i>K. penzesii</i> Ujhelyi	14	Kozuharov, Petrova & Nenova (1988)
		<i>K. pyramidata</i> (Lam.) Beauv.	42	Kozuharov, Petrova & Nenova (1988)
		<i>K. schurii</i> Ujhelyi	14	Kozuharov, Petrova & Nenova (1988)
		<i>K. simonkaii</i> Adamovic	14	Kozuharov, Petrova & Nenova (1988)
	<i>Lepturus</i> R.Br.	<i>L. cylindricus</i> (Willd.) Trin.	26	Kozuharov & Petrova (1981a)
	<i>Lolium</i> L.	<i>L. multiflorum</i> Lam.	14	Kozuharov & Petrova (1991)
		<i>L. perenne</i> L.	14	Kozuharov & Petrova (1973, 1976)
		<i>L. remotum</i> Schränk	14	Kozuharov & Petrova (1991)
		<i>L. rigidum</i> Gaudin	14	Kozuharov & Petrova (1991)
		<i>L. strictum</i> C. Presl	14	Kozuharov & Petrova (1973)
		<i>L. temulentum</i> L.	14	Kozuharov & Petrova (1991)

	Taxa		Somatic chromosome numbers	References
Families	Genera	Species		
	<i>Melica</i> L.	<i>M. altissima</i> L.	18	Kozuharov & Petrova (1991)
		<i>M. ciliata</i> L.	18	Kozuharov & Petrova (1973, 1976); van Loon & van Setten (1982)
		<i>M. nutans</i> L.	18	Kozuharov & Petrova (1991)
		<i>M. uniflora</i> Retz.	18	Kozuharov & Petrova (1976, 1991); Andreev (in press)
	<i>Micropyrum</i> Link.	<i>M. tenellum</i> (L.) Link	14	Kozuharov & Petrova (1973)
	<i>Milium</i> L.	<i>M. effusum</i> L.	28	Kozuharov & Petrova (1991)
		<i>M. vernale</i> Bieb.	14	Kozuharov & Petrova (1991)
	<i>Molineria</i> Parl.	<i>M. minuta</i> (L.) Parl.	14	Kozuharov & Petrova (1991)
	<i>Nardus</i> L.	<i>N. stricta</i> L.	26	Christov, Krusheva & Nikolov (1963); Kozuharov & Petrova (1976, 1991)
	<i>Phacelurus</i> Griseb.	<i>P. digitatus</i> (Sibth. & Sm.) Griseb.	20	
	<i>Phalaris</i> L.	<i>Ph. paradoxa</i> L.	14	Kozuharov & Petrova (1991)
		<i>Ph. tuberosa</i> L.	28	Kozuharov & Petrova (1981a)
	<i>Phleum</i> L.	<i>Ph. alpinum</i> L.	14	Kozuharov & Nikolova (1976); Kozuharov & Petrova (1991)
		<i>Ph. hirsutum</i> Honckeney	14	Andreev (1981)
			42	Kozuharov & Petrova (1991)
		<i>Ph. montanum</i> C. Koch	42	Kozuharov & Petrova (1991)
		<i>Ph. pratense</i> L.	28	Kozuharov & Petrova (1991)

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
		<i>Ph. subulatum</i> (Savi) Ascherson & Graebner	14	Kozuharov & Petrova (1991)
		<i>Ph. tenue</i> Schrad.	14	Kozuharov & Kuzmanov (1968c)
	<i>Pholiurus</i> Trin.	<i>Ph. pannonicus</i> (Host) Trin.	14	Kozuharov & Petrova (1991)
	<i>Phragmites</i> Adanson	<i>P. australis</i> (Cav.) Steudel	40	Kozuharov & Petrova (1991)
	<i>Piptatherum</i> Beauv.	<i>P. compactum</i> (Boiss. & Heldr.) Holub.	24	Kozuharov & Petrova (1991)
	<i>Poa</i> L.	<i>P. aitensis</i> Kozuharov & Stoeva	28	Kozuharov & Stoeva (1983)
		<i>P. alpina</i> L.	14	Christov (1942)
			(21, 22)	Christov & Nikolov (1960); Stoeva & Kozuharov (1978, 1985)
			(33,35)	Stoeva & Kozuharov (1977, 1985); Stoeva (1979)
			42 (43, 44, 45)	Stoeva (1977, 1979); Stoeva & Kozuharov (1985)
			56, (50, 58)	Stoeva (1977, 1982); Stoeva & Kozuharov (1975, 1985)
			(61, 66)	Stoeva (1982); Stoeva & Kozuharov (1985)
		<i>P. annua</i> L.	14	Kozuharov & Kuzmanov (1968c)

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
			28	Stoeva (1977, 1986); Stoeva, Kozuharov (1978)
		<i>P. badensis</i> Haenke	14	Stoeva (1977); Stoeva & Kozuharov (1978, 1984)
		<i>P. bulbosa</i> L.	28	Stoeva (1977, 1982);
			42	Stoeva (1982, 1984b)
			54	Stoeva (1984b)
			(21, 24, 31, 33, 35, 36, 37, 39, 40, 41, 43, 44, 45, 46, 47, 48, 49, 50)	Christov (1942); Stoeva (1977, 1982, 1984b)
		<i>P. cenisia</i> All.	(49)	Stoeva (1977, 1986); Andreev (in press)
		<i>P. chaixii</i> Vill.	14	Stoeva (1977, 1986)
		<i>P. compressa</i> L.	14	Stoeva (1977, 1982, 1984b)
			(35)	Stoeva (1977, 1984b)
			42	Stoeva (1977, 1984b); Stoeva, Kozuharov (1978)
			(49)	Christov (1942); Stoeva (1984b); Stoeva & Kozuharov (1978)
		<i>P. concina</i> Gaudin	14	Stoeva & Kozuharov (1978)
		<i>P. jordanovii</i> Kozuharov & Stoeva	14	Kozuharov & Stoeva (1983)

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
		<i>P. macedonica</i> (Acht.) Stoeva & Kozuharov	28	Stoeva & Kozuharov (1984)
			41	Stoeva & Kozuharov (1984)
		<i>P. media</i> Schur	14	Stoeva (1977); Stoeva & Kozuharov (1985)
		<i>P. molinerii</i> Balbis	28	Stoeva (1982); Stoeva & Kozuharov (1984)
		<i>P. nemoralis</i> L.	28	Stoeva (1977, 1986); Stoeva & Kozuharov (1978); Christov & Terziiski (1981); van Loon & van Setten (1982)
		<i>P. palustris</i> L.	28	Christov & Nikolov (1970); Stoeva (1977, 1986)
		<i>P. pirinica</i> Stoj & Acht.	14	Stoeva (1977, 1986)
		<i>P. pratensis</i> L.	28(-124)	Christov (1942); Stoeva (1977, 1984b)
			42	Stoeva (1982, 1984b)
			(49)	Stoeva (1982, 1984b)
			(63)	Stoeva (1977, 1984b)
			84	Stoeva (1984b)
			98	Christov & Nikolov (1962)
		<i>P. pseudoconcina</i> Schur	14	Kozuharov & Stoeva (1983)
		<i>P. pseudoconcina</i> Schur	14	Kozuharov & Stoeva (1983)

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
		<i>P. silvicola</i> Guss.	14	Christov (1941, 1942, 1943); Christov & Terziiski (1968); Kozuharov & Petrova (1976); Stoeva (1977, 1982, 1986)
		<i>P. timoleontis</i> Boiss.	14	Stoeva & Kozuharov (1978); Stoeva (1983)
		<i>P. trivialis</i> L.	14	Christov (1941); Kozuharov & Petrova (1976)
			28	Kozuharov & Kuzmanov (1970)
		<i>P. ursina</i> Velen.	14, 16	Kozuharov & Kuzmanov (1970); Kozuharov & Petrova (1973); Stoeva (1977)
	<i>Polypogon</i> Desf.	<i>P. monspeliensis</i> (L.) Desf.	28	Kozuharov & Petrova (1981a)
	<i>Psilurus</i> Trin.	<i>P. aristatus</i> (L.) Duval-Jouve	28	Kozuharov & Petrova (1973)
	<i>Puccinellia</i> Parl	<i>P. convoluta</i> (Hornem.) Hayek	14	Kozuharov & Kuzmanov (1968d)
		<i>P. distans</i> (L.) Parl	42	Kozuharov & Kuzmanov (1968d); Kozuharov & Petrova (1976)
		<i>P. limosa</i> (Schur) Holub	14	Kozuharov & Kuzmanov (1978a); Kozuharov & Petrova (1976)
	<i>Scleropoa</i> Griseb.	<i>S. dura</i> (L.) Beauv.	14	Kozuharov & Petrova (1973, 1974b, 1976)
	<i>Secale</i> L.	<i>S. montanum</i> Guss.	14	Kozuharov & Petrova (1991)
		<i>S. rhodopaeum</i> Delip.	14	Kozuharov & Petrova (1991)

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
		<i>S. sylvestre</i> Host.	14	Kozuharov & Petrova (1991)
	<i>Sesleria</i> Scop.	<i>S. alba</i> Sibth. & Sm.	28	Kozuharov & Petrova (1991)
		<i>S. caerulea</i> (L.) Ard.	28	Kozuharov & Petrova (1973, 1976, 1991)
		<i>S. comosa</i> Velen.	14	Kozuharov & Petrova (1991)
			28	Andreev (1979)
			56	Andreev (1979)
		<i>S. latifolia</i> (Adamovic) Degen.	28	Kozuharov & Petrova (1991)
			42	Kozuharov & Petrova (1991)
		<i>S. rigida</i> Reichenb.	28	Kozuharov & Petrova (1991)
	<i>Setaria</i> Beauv.	<i>S. italica</i> (L.) Beauv.	18	Kozuharov & Petrova (1991)
		<i>S. pumila</i> (Poir.) Schultes	36	Kozuharov & Petrova (1991)
		<i>S. viridis</i> (L.) Beauv.	18	Kozuharov & Petrova (1991)
	<i>Sieglingia</i> Bernh.	<i>S. decumbens</i> (L.) Bernh.	36	Kozuharov & Petrova (1973, 1976)
	<i>Stipa</i> L.	<i>S. balcanica</i> (Martinovsky) Kozuharov	44	Kozuharov & Petrova (1991)
		<i>S. capitata</i> L.	28	Kozuharov & Kuzmanov (1968c)
		<i>S. epilosa</i> Martinovsky	66	Kozuharov & Petrova (1991)
		<i>S. joanis</i> Celak	44	Andreev (1982)
	<i>Taeniatherum</i> Nevski	<i>T. asperum</i> (Simonkai) Nevski	14	Petrova, Kozuharov & Bancev (1984)
		<i>T. crinitum</i> (Schreber) Nevski	14	Petrova, Kozuharov & Bancev (1984)
	<i>Trisetum</i> Pers.	<i>T. flavescens</i> (L.) Beauv.	28	Kozuharov & Petrova (1981a)

	Taxa		Somatic chromosome numbers	References
Families	Genera	Species		
	<i>Triticum</i> L.	<i>T. baeoticum</i> Boiss.	14	Kozuharov & Petrova (1991)
	<i>Vulpia</i> C. C. Gmelin	<i>V. ambigua</i> (Le Gall) More	28	Kozuharov & Kuzmanov (1970); Kozuharov & Petrova (1976)
		<i>V. myuros</i> (L.) C. C. Gmelin	42	Kozuharov & Petrova (1973, 1976, 1991)
		<i>V. unilateralis</i> (L.) Stace	14	Kozuharov & Petrova (1973)
<i>Polygalaceae</i>	<i>Polygala</i> L.	<i>P. acarnanica</i> (Chodat) Kozuharov & Petrova	34	Andreev (in press)
		<i>P. amarella</i> Crantz	34	Andreev (in press)
		<i>P. comosa</i> Schur	34	Andreev (in press)
<i>Polygonaceae</i>	<i>Oxyria</i> Hill	<i>O. digyna</i> (L.) Hill	14	Peev (1975b)
	<i>Persicaria</i> Miller	<i>P. hydropiper</i> (L.) Opiz	20	Stoeva (1985)
		<i>P. mitis</i> (Schur) Opiz	20	Stoeva (1985)
	<i>Pleuropterypyrum</i> H. Gross	<i>P. undulatum</i> (Murray) A. Löve & D. Löve	20	Andreev (in press)
	<i>Rheum</i> L.	<i>R. rhaponticum</i> L.	22	Stoeva (1985)
	<i>Rumex</i> L.	<i>R. acetosa</i> L.	14	Nijs (1983); Stoeva (1985)
		<i>R. acetosella</i> L.	14	Nijs (1983); Stoeva (1985)
			28(-36)	Nijs & al. (1980); Nijs (1983); Stoeva (1985)
			42	Nijs & al. (1980); Nijs (1983)
		<i>R. alpinus</i> L.	20	Stoeva (1987a)
		<i>R. arifolius</i> All.	14	Stoeva (1985a)
		<i>R. crispus</i> L.	60	Stoeva (1987a)
		<i>R. pulcher</i> L.	20	Stoeva (1987a)
		<i>R. sanguineus</i> L.	20	Stoeva (1985)
<i>Primulaceae</i>	<i>Anagalis</i> L.	<i>A. arvensis</i> L.	20	Peev (1975b)
			40	Peev (1975a); van Loon & van Setten (1982)

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
	<i>Androsace</i> L.	<i>A. villosa</i> L.	20	Peev (1975b)
	<i>Cortusa</i> L.	<i>C. matthioli</i> L.	24	Peev (1977b)
	<i>Cyclamen</i> L.	<i>C. coum</i> Miller	20	Peev (1977b)
		<i>C. hederifolium</i> Aiton	24	Kozuharov & Kuzmanov (1964b)
			34	Peev (1976a)
	<i>Lysimachia</i> L.	<i>L. nummularia</i> L.	32	Peev (1976a)
		<i>L. punctata</i> L.	30	Peev (1976a)
		<i>L. vulgaris</i> L.	28	Peev (1976a)
	<i>Primula</i> L.	<i>P. deorum</i> Velen.	62	Kozuharov & Kuzmanov (1964b)
			66	Kress (1963)
		<i>P. elatior</i> (L.) Hill	22	Peev (1976a, 1977b); Andreev (in press)
		<i>P. farinosa</i> L.	18	Kozuharov & Kuzmanov (1964b)
		<i>P. frondosa</i> Janka	18	Yord & Peev (1970)
		<i>P. halleri</i> J. F. Gmelin	36	Yord & Peev (1970)
		<i>P. minima</i> L.	(66)	Andreev (ijn press)
		<i>P. veris</i> L.	22	Peev (1976a); van Loon & van Setten (1982); Andreev (in press)
		<i>P. vulgaris</i> Hudson	22	Peev (1977b)
	<i>Soldanella</i> L.	<i>S. carpatica</i> Vierh.	40	Peev (1976a)
		<i>S. hungarica</i> Simonkai	40	Peev (1977b)
		<i>S. pusilla</i> Baumg.	40	Peev (1977b); Andreev (in press)
<i>Ranunculaceae</i>	<i>Aconitum</i> L.	<i>A. variegatum</i> L.	16	Popova & Cesmedziev (1978)
	<i>Actea</i> L.	<i>A. spicata</i> L.	16	Sarkova & Koeva (1990)
	<i>Adonis</i> L.	<i>A. aestivalis</i> L.	32	Koeva & Nenova (1980)

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
		<i>A. vernalis</i> L.	16	Koeva & Nenova (1980)
	<i>Anemone</i> L.	<i>A. apennina</i> L.	16	Kozuharov, Popova & Kuzmanov (1968); D. Ivanova & Koeva (1987)
		<i>A. narcissifolia</i> L.	14	D. Ivanova & Koeva (1987)
		<i>A. nemorosa</i> L.	30	Koeva & Nenova (1980); D. Ivanova & Koeva (1987)
		<i>A. pavoniana</i> Lam.	16	D. Ivanova & Koeva (1987)
		<i>A. ranunculoides</i> L.	32	D. Ivanova & Koeva (1987)
		<i>A. sylvestris</i> L.	16	Koeva & Nenova (1980)
	<i>Aquilegia</i> L.	<i>A. aurea</i> Janka	14	Sarkova & Koeva (1990); Andreev (in press)
		<i>A. vulgaris</i> L.	14	Sarkova & Koeva (1990)
	<i>Caltha</i> L.	<i>C. palustris</i> L.	32	Koeva & Nenova (1980)
	<i>Clematis</i> L.	<i>C. recta</i> L.	16	Andreev (in press)
		<i>C. vitalba</i> L.	16	Popova & Cesmedziev (1978); Sarkova & Koeva (1990)
		<i>C. viticella</i> L.	16	Popova & Cesmedziev (1978); Koeva & Nenova (1980); Sarkova & Koeva (1990)
	<i>Consolida</i> (DC.) S. F. Gray	<i>C. orientalis</i> (J. Gay) Schrodinger	16	Koeva & Nenova (1980)
		<i>C. regalis</i> S. F. Gray	16	Popova & Cesmedziev (1978)

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
	<i>Delphinium</i> L.	<i>D. fissum</i> Waldst. & Kit.	16	Koeva (1985)
		<i>D. halteratum</i> Sibth. & Sm.	16	Koeva (1985)
		<i>D. peregrinum</i> L.	16	Koeva (1985)
	<i>Helleborus</i> L.	<i>H. cyclophyllus</i> Boiss.	32	Popova (1968)
	<i>Hepatica</i> Miller	<i>H. nobilis</i> Miller	14	Koeva & Nenova (1980)
	<i>Isopyrum</i> L.	<i>I. thalictroides</i> L.	14	Koeva & Nenova (1980)
	<i>Nigella</i> L.	<i>N. arvensis</i> L.	12	Popova & Cesmedziev (1978)
		<i>N. damascena</i> L.	12	Popova & Cesmedziev (1978); Koeva & Nenova (1980)
	<i>Pulsatilla</i> Miller	<i>P. halleri</i> (All.) Willd.	32	Sarkova & Koeva (1990)
		<i>P. montana</i> (Hoppe) Reichenb.	16	Sarkova & Koeva (1990)
		<i>P. slavjankae</i> (Zimm.) D. Jord & Kozuharov	16	Sarkova & Koeva (1990)
	<i>Ranunculus</i> L.	<i>R. acris</i> L.	14	Kuzmanov & Kozuharov (1969); van Loon & van Setten (1982); Sarkova & Koeva (1990)
		<i>R. aquatilis</i> L.	32	Sarkova & Koeva (1990)
		<i>R. ficaria</i> L.	16	Kuzmanov (1975b); Kuzmanov, Jurukova & Georgieva (in press b)
			32	Sarkova & Koeva (1990)
		<i>R. gracilis</i> Clarcke	16	Popova (1972c, 1973b); Sarkova & Koeva (1990)

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
		<i>R. illyricus</i> L.	16	Sarkova & Koeva (1990)
			32	Popova (1973b); Sarkova & Koeva (1990)
		<i>R. incomparabilis</i> Janka	116	Popova (1972c, 1973b)
		<i>R. millefoliatus</i> Vahl.	16	Popova (1973b); Sarkova & Koeva (1990)
		<i>R.</i> <i>ophioglossifolius</i> Vill.	16	Kozuharov & Kuzmanov (1964b)
		<i>R. oxyspermus</i> Bieb.	16	Popova (1972c, 1973b)
		<i>R. polyanthemos</i> L.	16	van Loon & van Setten (1982)
		<i>R. psilostachys</i> Griseb.	16	Popova (1973b)
			32	Popova (1972c, 1973b)
		<i>R. repens</i> L.	16	Kuzmanov & Kozuharov (1969)
		<i>R. rumelicus</i> Griseb.	(24)	Popova (1972c, 1973b); Sarkova & Koeva (1990)
		<i>R. sprunerianus</i> Boiss.	16	Popova (1973b)
		<i>R. stojanovii</i> Delip.	(24)	Popova (1972c, 1973b)
		<i>R. trichophyllos</i> Chaix	32	Sarkova & Koeva (1990)
	<i>Thalictrum</i> L.	<i>T. aquilegifolium</i> L.	14	Koeva & Nenova (1980); Kuzmanov & Georgieva (1977); Kuzmanov (1986); Kuzmanov, Robeva & Georgieva (1987)
		<i>T. flavum</i> L.	84	Kuzmanov (1986); Kuzmanov & Georgieva (1987)

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
		<i>T. foetidum</i> L.	14	Kuzmanov, Evstatieva & Georgieva (1981); Kuzmanov (1986); Kuzmanov, Robeva & Georgieva (1987)
		<i>T. lucidum</i> L.	28	Kuzmanov & Georgieva (1977b); Koeva & Nenova (1980); Kuzmanov, Edreva & Cholakova (1981); Kuzmanov (1986); Kuzmanov, Robeva & Georgieva (1987)
		<i>T. minus</i> L.	42	Kuzmanov & Georgieva (1977b); Kuzmanov (1986); Kuzmanov, Robeva & Georgieva (1987)
			70	Kuzmanov, Evstatieva & Georgieva (1981); Kuzmanov, Edreva & Cholakova (1981); Kuzmanov (1986); Kuzmanov, Robeva & Georgieva (1987)

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
		<i>T. simplex</i> L.	56	Kuzmanov & Georgieva (1977b) Kuzmanov, Edreva & Cholakova (1981); Kuzmanov (1986); Kuzmanov, Robeva & Georgieva (1987)
	<i>Trollius</i> L.	<i>T. europaeus</i> L.	16	M. Markova (1970a); Sarkova & Koeva (1990)
<i>Resedaceae</i>	<i>Reseda</i> L.	<i>R. lutea</i> L.	48	van Loon & van Setten (1982)
<i>Rhamnaceae</i>	<i>Paliurus</i> Miller	<i>P. spina-christi</i> Miller	24	M. Markova (1971)
<i>Rosaceae</i>	<i>Cotoneaster</i> Medicus	<i>C. integerrimus</i> Medicus	68	Cesmedziew (1983)
	<i>Dryas</i> L.	<i>D. octopetala</i> L.	16, 18	Popova (1968); Andreev (1982)
	<i>Filipendula</i> Miller	<i>F. vulgaris</i> Moench	14	van Loon & van Setten (1982)
	<i>Geum</i> L.	<i>G. bulgaricum</i> Pancic	70	Gajewski (1957)
		<i>G. coccineum</i> L.	42	Cesmedziew (1976); Peev (1977a); Andreev (1981); van Loon & van Setten (1982)
		<i>G. molle</i> Vis. & Pancic	42	Peev (1977a)
		<i>G. montanum</i> L.	42	M. Markova (1970); van Loon & van Setten (1982)
		<i>G. reptans</i> L.	42	Andreev (in press)
		<i>G. rivale</i> L.	42	Cesmedziew (1976); Peev (1977a)

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
		<i>G. rhodopaeum</i> Stoj & Stefanov	28	Gajewski (1957)
		<i>G. urbanum</i> L.	42	Cesmedziev (1976); van Loon & van Setten (1982)
	<i>Potentilla</i> L.	<i>P. alba</i> L.	28	Popoff (1935)
		<i>P. apennina</i> Ten.	14	M. Markova (1982a); Andreev (1982)
		<i>P. argentea</i> L.	14	M. Markova (1982a)
			28	M. Markova (1982a)
			42	Popoff (1935); Gentcheff & Gustafsson (1940); M. Markova (1982)
			56	van Loon & van Setten (1982)
		<i>P. astracanica</i> Jacq.	14	M. Markova (1971, 1985)
			28	M. Markova (1985)
			42	M. Markova (1985)
		<i>P. bornmuelleri</i> Borbas	28	M. Markova (1971, 1985)
		<i>P. cinerea</i> Chaix & Vill.	28	M. Markova (1971, 1972b)
		<i>P. detommasii</i> Ten.	14	M. Markova (1971, 1982b)
		<i>P. emili-popii</i> E. I. Nyarady	14	M. Markova (1971, 1985)
		<i>P. erecta</i> (L.) Rauschel	28	Popoff (1935)
		<i>P. inclinata</i> Vill.	14	M. Markova (1982a)
			28	M. Markova (1982a)
			(35)	M. Markova (1982a)

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
			42	Christov & Papazova (1943); M. Markova (1982a)
			84	M. Markova (1982)
		<i>P. micrantha</i> DC.	14	M. Markova (1972b)
		<i>P. montenegrina</i> Pant.	42	M. Markova (1982a)
		<i>P. neglecta</i> Baumg.	28	M. Markova (1982a)
			42	M. Markova (1982a)
			56	M. Markova (1982a)
		<i>P. nicicii</i> Adamovic	14	M. Markova (1971, 1985)
		<i>P. pedata</i> Willd.	28	Popoff (1935)
		<i>P. pirotensis</i> (Borbas) Marggraf	14	M. Markova (1985)
		<i>P. recta</i> L.	28	Popoff (1935); Christov & Papazova (1943); van Loon & van Setten (1982)
		<i>P. regis-borsii</i> Stoj.	14	M. Markova (1982a); van Loon & van Setten (1982)
		<i>P. reptans</i> L.	28	Czapik (1968)
		<i>P. rupestris</i> L.	14	Popoff (1935); M. Markova (1982a); van Loon & van Setten (1982)
		<i>P. sulphurea</i> Lam.	28	Popoff (1935); Christov & Papazova(1943)
		<i>P. supina</i> L.	28	M. Markova (1971, 1972b)
	<i>Rubus</i> L.	<i>R. apiculatus</i> Weihe & Nees	28	M. Markova (1968b)

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
		<i>R. canescens</i> DC.	14	M. Markova (1968b)
		<i>R. radula</i> Weihe ex Boenn.	28	M. Markova (1968b)
		<i>R. rivularis</i> Wirtgen & P. J. Mueller	28	M. Markova (1968b)
		<i>R. sanguineus</i> Friv.	14	M. Markova (1968b)
		<i>R. tomentosus</i> Borkh.	14	M. Markova (1968b)
	<i>Sanguisorba</i> L.	<i>S. minor</i> Scop.	28	van Loon & van Setten (1982)
	<i>Spirea</i> L.	<i>S. chamaedryfolia</i> L.	26	Cesmedziev (1983)
<i>Rubiaceae</i>	<i>Asperula</i> L.	<i>A. purpurea</i> (L.) Ehrend.	22	Ancev (1974d)
		<i>A. taurina</i> L.	22	Ancev (1982a)
	<i>Crucianella</i> L.	<i>C. angustifolia</i> L.	22	Jasiewicz & Mizianty (1975); Ancev (1974b, 1979)
		<i>C. graeca</i> Boiss.	22	Ancev (1974b, 1979)
		<i>C. latifolia</i> L.	44	Ancev (1976a, 1979)
	<i>Cruciata</i> Miller	<i>C. glabra</i> (L.) Ehrend.	44	Ancev (1974b, 1976)
		<i>C. levipes</i> Opiz	22	Ancev (1975b, 1976b)
		<i>C. pedemontana</i> (Bell.) Ehrend	18	Ancev (1975b, 1976b)
	<i>Galium</i> L.	<i>G. aegeum</i> (Stoj. & Kitanov) Ancev	44	Ancev (1974a, 1978b)
		<i>G. album</i> Miller	44	Ancev (1974a, 1978b)
		<i>G. anisophyllum</i> Vill.	22	Ancev (1974a, 1978b)
		<i>G. aparine</i> L.	64, 66	Ancev (1974a, 1978b, 1982b); van Loon & van Setten (1982)
		<i>G. boreale</i> L.	44	Ancev (1974a, 1978b)
		<i>G. debile</i> Desf.	24	Ancev (1974a, 1978b)

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
		<i>G. demissum</i> Boiss.	22	Ancev (1974a, 1978b)
		<i>G. divaricatum</i> Lam.	22	Ancev (1975a, 1978b)
		<i>G. flavescens</i> Borbas	44	Ancev (1974a, 1978b)
		<i>G. glaucum</i> L.	44	Ancev (1978b, 1982b)
		<i>G. heldreichii</i> Bieb.	22	Ancev (1978b)
		<i>G. humifusum</i> Bieb.	22	Ancev & Peneva (1984)
		<i>G. lucidum</i> All.	44	Ancev (1974a, 1978b)
		<i>G. mirum</i> Rech. fil.	22	Ancev (1974a, 1976, 1978b)
		<i>G. octonarium</i> (Klokov) Soo	22	Ancev (1976a, 1978b)
		<i>G. odoratum</i> (L.) Scop.	66	Ancev (1982b)
		<i>G. palustre</i> L.	48	Ancev (1974a, 1978b)
		<i>G. parisiense</i> L.	66	Ancev (1974a, 1974b, 1978b)
		<i>G. paschale</i> Forsskal	22	Ancev (1975a, 1978b); Ehrendorfer (1975)
		<i>G. procurrens</i> Ehrend.	22	Ehrendorfer, Ancev (1975, 1978b)
		<i>G.</i> <i>pseudoaristatum</i> Schur.	22	Ancev (1974a, 1976a, 1978b, 1982b); Ehrendorfer (1975)
		<i>G. purpureum</i> L.	22	Jasiewicz & Mizianty (1975)
		<i>G. rhodopeum</i> Velen.	22	Ancev (1971, 1974a, 1978b)
		<i>G. rotundifolium</i> L.	22	Ancev (1974a, 1978b, 1982b)
		<i>G. scabrifolium</i> (Boiss) Hauschn.	22	Ancev (1974a)

	Taxa		Somatic chromosome numbers	References
Families	Genera	Species		
		<i>G. schultesiis</i> Vesp	42, 44	M. Markova (1974a); Ehrendorfer (1975)
			66	Ancev (1974a, 1978b)
		<i>G. spurium</i> L.	20	Ancev (1974a, 1974b, 1978b)
		<i>G. stojanovii</i> Degen.	22	Ancev (1974a, 1978b)
		<i>G. tenuissimum</i> Bieb.	44	Ancev (1974a, 1978b)
		<i>G. velenovskyi</i> Ancev	44	Ancev (1974a, 1975b, 1978b)
		<i>G. verticilatum</i> Danth.	22	Ancev (1974a, 1978b)
		<i>G. verum</i> L.	22	Ancev (1974a, 1978b)
<i>Rutaceae</i>	<i>Ruta</i> L.	<i>R. graveolens</i> L.	78, 80, 81, 82	Vitkova, Kuzmanov & Nenova (in press)
	<i>Sherardia</i> L.	<i>S. arvensis</i> L.	22	Ancev (1975b)
<i>Salicaceae</i>	<i>Salix</i> L.	<i>S. reticulata</i> L.	38	Andreev (1982)
<i>Santalaceae</i>	<i>Thesium</i> L.	<i>T. alpinum</i> L.	12	Andreev (in press)
<i>Saxifragaceae</i>	<i>Parnassia</i> L.	<i>P. palustris</i> L.	36	Andreev (in press)
	<i>Saxifraga</i> L.	<i>S. adscendens</i> L.	22	Andreev (in press)
		<i>S. ferdinandi- koburgii</i> J. Kellerer & Sund	26	Andreev (in press)
		<i>S. oppositifolia</i> L.	26	Andreev (in press)
		<i>S. rotundifolia</i> L.	22	van Loon & van Setten (1982)
		<i>S. spruneri</i> Boiss.	26	Andreev (in press)
		<i>S. stellaris</i> L.	56	Peev (1977a)
		<i>S. stribrnyi</i> (Velen.) Podp.	26	Andreev (in press)
<i>Scrophulariaceae</i>	<i>Chaenorhinum</i> (DC.) Reichenb.	<i>Ch. minus</i> (L.) Lange	14	van Loon & van Setten (1982)

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
	<i>Digitalis</i> L.	<i>D. ambigua</i> Murray	56	M. Markova (1970a)
		<i>D. ferruginea</i> L.	56	M. Markova (1970aè)
		<i>D. lanata</i> Ehrh.	56	Tarnavchi & Lungeanu (1967); van Loon & van Setten (1982)
		<i>D. viridiflora</i> Lindley	56	Tarnavchi & Lungeanu (1967); Andreev (1981)
	<i>Euphrasia</i> L.	<i>E. drosocalyx</i> Frein	44	Andreev (1982)
		<i>E. minima</i> DC.	44	Andreev (1981)
		<i>E. montana</i> Jordan	22	Andreev (1981)
		<i>E. tatarica</i> Fischer ex Sprengel	44	M. Markova & P. Ivanova (1973)
	<i>Linaria</i> L.	<i>L. dalmatica</i> (L.) Miller	12	M. Markova & P. Ivanova (1971b); Cesmedziev (1976)
		<i>L. genistaefolia</i> Miller.	12	M. Markova & P. Ivanova (1970); Jasiewicz & Mizianty (1975); van Loon & van Setten (1982)
		<i>L. vulgaris</i> L.	12	van Loon & van Setten (1982)
	<i>Melampirum</i> L.	<i>M. sylvaticum</i> L.	18	Andreev (in press)
	<i>Parentucellia</i> Viv.	<i>P. latifolia</i> (L.) Caruel	48	M. Markova & P. Ivanova (1973, 1975)
	<i>Pedicularis</i> L.	<i>P. orthantha</i> Griseb.	16	Andreev (in press)
		<i>P. petiolaris</i> Ten.	16	Andreev (in press)
		<i>P. verticillata</i> L.	12	Andreev (1982)
	<i>Scrophularia</i> L.	<i>S. alata</i> Gilib.	26	M. Markova & P. Ivanova (1971b) Cesmedziev (1983)
		<i>S. cannina</i> L.	26	M. Markova & P. Ivanova (1973, 1975)

	Taxa		Somatic chromosome numbers	References
Families	Genera	Species		
		<i>S. laciniata</i> Waldst. & Kit.	26	Andreev (in press)
		<i>S. scopolii</i> Hoppe.	26	Vaarama & Leikas (1970); M. Markova & P. Ivanova (1971b); Peev (1971); Andreev (1982); van Loon & van Setten (1982)
	<i>Verbascum</i> L.	<i>V.</i> <i>adrianopolitanum</i> Podp.	24	Stefanova (1974)
		<i>V. anisophyllum</i> Murb.	32	Stefanova (1974)
		<i>V. davidovii</i> Murb.	32	Andreev (1981)
		<i>V. glanduligerum</i> Velen.	24	Stefanova (1974)
		<i>V. humile</i> Janka	40	Stefanova (1974)
		<i>V. lagurus</i> Fischer & C. A. Meyer	32	Stefanova (1974)
		<i>V. longifolium</i> Ten.	30	Stefanova (1974)
		<i>V. nobile</i> Velen	30	Stefanova (1974, 1987)
		<i>V. phoeniceum</i> L.	32	Peev (1976b)
		<i>V. pseudonobile</i> Stoj & Stefanov	28, 30	Stefanova (1974, 1987)
	<i>Veronica</i> L.	<i>V. acinifolia</i> L.	14	Peev (1972b, 1978)
		<i>V. agrestis</i> L.	14	Peev (1972b)
			28	Peev (1978)
		<i>V. alpina</i> L.	18	Peev (1972b, 1978)
		<i>V. anagallis</i> <i>-aquatica</i> L.	36	Peev (1975a, 1975b)
		<i>V. austriaca</i> L.	16	Peev (1976b)
			32	Peev (1972b, 1978); Peev & Babalakova (1978)
			48	Peev (1972b, 1976b); Peev & Babalakova (1978)

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
			64	Peev (1972b, 1978)
			80	Peev (1972a, 1978)
		<i>V. bachofenii</i> Heuffell.	34	Peev (1972b)
		<i>V. beccabunga</i> L.	18	Kuzmanov & Kozuharov (1969); Peev (1972b, 1978)
		<i>V. belidioides</i> L.	36	Peev (1975a, 1978)
		<i>V. chamaedrys</i> L.	32	Peev (1978); van Loon & van Setten (1982)
		<i>V. euxina</i> Turill.	34	Peev (1978)
		<i>V. fruticulosa</i> Jacq.	16	Peev (1978)
		<i>V. griesenbachii</i> Walters.	12	Peev (1975a, 1978)
		<i>V. hederifolia</i> L.	18	Peev (1972b)
			54	Peev (1972b)
		<i>V. hederoides</i> M. Fischer	18	Peev (1972b)
		<i>V. kellereri</i> (Degen. & Urum.) M. Fischer	16	Peev (1972b, 1978)
		<i>V. krumovii</i> (D. Peev) D. Peev	16	Peev (1972b)
		<i>V. longifolia</i> L.	68	Peev (1972b)
		<i>V. montana</i> L.	18	Peev (1975a, 1978)
		<i>V. multifida</i> L.	16	Peev (1972a, 1978)
		<i>V. officinalis</i> L.	36	Peev (1975a, 1978); van Loon & van Setten (1982); Andreev (in press)
		<i>V. opaca</i> Fries.	28	Peev (1978)

	Taxa		Somatic chromosome numbers	References
Families	Genera	Species		
		<i>V. orbelica</i> (D. Peev) D. Peev	16	Peev (1972a)
		<i>V. orchidea</i> Crantz.	34	Peev (1972b, 1978); Fischer (1974b); Peev & Babalakova (1978)
			68	Peev (1972b, 1978); Peev & Babalakova (1978)
		<i>V. persica</i> Poiret.	28	Peev (1972a)
		<i>V. polita</i> Fries.	14	Peev (1975a)
		<i>V. pontica</i> Velen	18	Peev (1978)
		<i>V. praecox</i> All.	18	Peev (1975a, 1978)
		<i>V. prostrata</i> L.	18	Peev (1972a, 1978)
		<i>V. rhodopea</i> (Velen.) Stoj & Stefanov	16	Peev (1975a, 1978)
		<i>V. scardica</i> Griseb.	36	van Loon & van seten (1982)
		<i>V. serpyllifolia</i> L.	14	Peev (1972b); van Loon & van Setten (1982)
			48	Peev (1975a, 1978)
		<i>V. spuria</i> L.	34	Peev (1978)
			68	Peev (1972a)
		<i>V. teucrium</i> L.	16	Peev (1975a, 1976b)
			64	Peev (1972b, 1978)
		<i>V. tournefortii</i> C. C. Gmelin	28	Peev (1972b)
			54	Peev (1978)
		<i>V. triloba</i> Opiz	18	Peev (1975a, 1978)
		<i>V. triphyllos</i> L.	14	Peev (1972b, 1978)

	Taxa		Somatic chromosome numbers	References
Families	Genera	Species		
		<i>V. turrilliana</i> Stoj & Stefanov	16	Peev (1972b, 1978); Peev & Babalakova (1978)
		<i>V. urticifolia</i> Jacq.	18	Peev (1975a, 1978)
		<i>V. verna</i> L.	16	Peev (1978)
		<i>V. vindobonensis</i> (M. Fischer) M. Fischer	16	M. Fischer (1974a); Peev (1972a, 1978); Mirek & Fischer (1986)
<i>Solanaceae</i>	<i>Hyoscyamus</i> L.	<i>H. albus</i> L.	68	Andreev (1981)
	<i>Solanum</i> L.	<i>S. dulcamara</i> L.	24	Popova & Cesmedziev (1978)
		<i>S. nigrum</i> L.	48	Cesmedziev (1976)
			72	Popova & Cesmedziev (1978)
<i>Sparganiaceae</i>	<i>Sparganium</i> L.	<i>S. erectum</i> L.	30	Kozuharov & Kuzmanov (1964a)
<i>Thymelaeaceae</i>	<i>Daphne</i> L.	<i>D. cneorum</i> L.	18	Andreev (in press)
		<i>D. oleoides</i> Schreber	18	Andreev (in press)
	<i>Thymelaea</i> Miller	<i>T. passelina</i> (L.) Cosson & Germ.	18	Kuzmanov (1973); Kuzmanov, Jurukova & Georgieva (in press, b)
<i>Valerianaceae</i>	<i>Valeriana</i> L.	<i>V. dioscoridis</i> Sibth. & Sm.	16	Popova & Kuzmanov (1986)
		<i>V. montana</i> L.	32	Popova & Kuzmanov (1986)
		<i>V. officinalis</i> L.	14	Popova & Kuzmanov (1986)
			28	Popova & Kuzmanov (1986)

	Taxa		Somatic chromosome numbers	References
Families	Genera	Species		
		<i>V. tripteris</i> L.	16	Popova & Kuzmanov (1986); Andreev (in press)
		<i>V. tuberosa</i> L.	16	Popova & Kuzmanov (1986)
	<i>Valerianella</i> Miller	<i>V. carinata</i> Lois.	16	Ancev (1978, 1984b)
		<i>V. coronata</i> (L.) DC.	14	Ancev (1976a, 1984b)
		<i>V. costata</i> (Steven) Betcke	16	Ancev (1982, 1984b); Andreev (1982)
		<i>V. dentata</i> (L.) Pollich	16	Ancev (1978a, 1982, 1984b)
		<i>V. discoidea</i> (L.) Lois.	16	Ancev (1984b); Ancev, Peev (1984)
		<i>V. eriocarpa</i> Desv.	16	Ancev (1978a)
		<i>V. lasiocarpa</i> (Steven) Betcke	14	Ancev (1982, 1984b)
		<i>V. locusta</i> (L.) Laterrade	16	Ancev (1982, 1984b)
		<i>V. muricata</i> (Bieb.) Loudon	16	Ancev (1982, 1984b)
		<i>V. pumila</i> (L.) DC	14	Ancev (1976a, 1984b)
		<i>V. rimosa</i> Bast.	16	Ancev (1984b)
		<i>V. turgida</i> (Steven) Betcke	16	Ancev (1982, 1984b)
<i>Verbenaceae</i>	<i>Verbena</i> L.	<i>V. officinalis</i> L.	14	M. Markova (1970b)
<i>Violaceae</i>	<i>Viola</i> L.	<i>V. biflora</i> L.	12	Andreev (in press)
		<i>V. dacica</i> Borbas	20	van Loon & van Setten (1982)
		<i>V. delphinantha</i> Boiss	20	M. Markova & Ancev (1973)
		<i>V. grisebachiana</i> Vis.	22	Merxmer (1974); Andreev (in press)
		<i>V. orbelica</i> Pancic	26	Merxmer (1974)
		<i>V. perinensis</i> Becker	20, 22	Merxmer (1974); Andreev (in press)

	Taxa		Somatic chrmosome numbers	References
Families	Genera	Species		
		<i>V. pyrenaica</i> DC	20	Andreev (in press)
		<i>V. reichenbachiana</i> Boreau	20	Andreev (in press)
		<i>V. rhodopea</i> Becker	20	Merxmer (1974)
		<i>V. tricolor</i> L.	26	Merxmer (1974); van Loon & van Setten (1982)
<i>Zygophyllaceae</i>	<i>Peganum</i> L.	<i>P. harmala</i> L.	24	Koeva & Ugarcinska (1982)
	<i>Tribulus</i> L.	<i>T. terrestris</i> L.	(36)	Koeva & Ugarcinska (1982)
	<i>Zygophyllum</i> L.	<i>Z. fabago</i> L.	22	Koeva & Ugarcinska (1982)
<i>Zannicheliaceae</i>	<i>Zanichellia</i> L.	<i>Z. palustris</i> L.	12	Kozuharov & Kuzmanov (1964b)

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Address of the author:

Prof. B. Kuzmanov, PhD, ScD, Institute of Botany, Bulgarian Academy of Sciences, 1113, Sofia, Bulgaria..