



sommerfeltia

18

**J.F. Ardévol Gonzales, L. Borgen
& P.L. Pérez de Paz**

**Checklist of chromosome numbers
counted in Canary vascular plants**

1993



sommerfeltia

18

**J.F. Ardévol Gonzales, L. Borgen
& P.L. Pérez de Paz**

**Checklist of chromosome numbers
counted in Canarian vascular plants**

1993

ISBN 82-7420-020-9

ISSN 0800-6865

Ardévol González, J.F., Borgen, L. & Pérez de Paz, P.L. 1993. Checklist of chromosome numbers counted in Canarian vascular plants. - *Sommerfeltia* 18: 1-59. Oslo. ISBN 82-7420-020-9. ISSN 0800-6865.

An up-dated checklist of chromosome numbers counted in Canarian vascular plants is presented. Reports in both endemic and naturalized species, as well as infraspecific taxa and natural hybrids, are included. Altogether, chromosome numbers are reported in 636 species of vascular plants of Canarian origin, that is in c. 30 % of the Canarian vascular flora.

Keywords: Canary Islands, Chromosome numbers, Vascular plants.

*J.F. Ardévol González & P.L. Pérez de Paz, Department of Biology (Botany), University of La Laguna, E-38271 La Laguna, Tenerife, Canary Islands, Spain.
Liv Borgen, Botanical Garden and Museum, University of Oslo, Trondheimsveien 23 B, N-0562 Oslo, Norway.*

CONTENTS

INTRODUCTION	5
CHECKLIST	6
CORRECTIONS	48
ACKNOWLEDGEMENTS	49
REFERENCES	50
INDEX TO GENERA	57

INTRODUCTION

Chromosome number reports on vascular plants of Canarian origin date back to 1921 (Tahara 1921). The first sporadic reports were mainly on cultivated material of uncertain origin.

In addition to continued sporadic reports, extensive karyological investigations have been made, first by Larsen (1958, 1960, 1962, 1963) and Uhl (1961), later by Borgen (1969, 1970, 1974, 1975, 1980), Bramwell et al. (1971, 1972, 1976), van Loon (1974), Fernández et al. (1980), Dalgaard (1987), Febles (1989), Febles et al. (1989 a,b), and Ramos Martínez (1989).

Major contributions have also come in connection with taxonomic revisions, for instance Nordborg (1966), Boulos (1967a, 1967b), Dalgaard (1979), Polatscheck (1983), Marrero (1985), Halvorsen & Borgen (1985), and Borgen (1987). Most of the recent contributions are based on material of known and documented origin.

Altogether, chromosome numbers based on material of Canarian origin are now reported in 636 species, representing 251 genera and 63 families of vascular plants, plus 34 infraspecific taxa and 8 natural hybrids. The figures include both endemic and naturalized species. Given that the total number of vascular species amounts to ca. 2000 (cf. Sunding 1979), chromosome numbers are now reported in about 30 % of the Canarian vascular flora.

The objective of the present survey has been to update the Canarian part of "Checklist of Chromosome Numbers Counted in Macaronesian Vascular plants" (Borgen 1977). Similarly to the checklist by Hansen & Sunding (1993), this list may stimulate to systematic research on the rich and interesting flora of the Canary Islands.

We are well aware that there may be mistakes and omissions in the presented list. We would be grateful if anyone using it and detecting such errors would let us know so that we can make the proper corrections in future editions.

CHECKLIST

The survey is based on literature reports of chromosome counts in spontaneous material collected in the Canary Islands, either as field fixations or fixations of cultivated material of known, documented origin. Besides, counts in endemic Canarian taxa of unreported origin are included.

The taxa are structured in four groups: Pteridophyta, Pinophyta, Magnoliophyta-Magnoliatae, and Magnoliophyta-Liliatae (cf. Borgen 1977). Within each group, families, genera, species, infraspecific taxa, and hybrids are listed alphabetically. The nomenclature follows Hansen & Sunding (1993), except for minor deviations in the genus *Sideritis* (Pérez de Paz & Negrín Sosa 1992).

For each taxon, the following information is listed: (1) the chromosome number, either haploid (n) or diploid ($2n$), according to the original report; (2) the island origin (I), abbreviated L=Lanzarote, LO=Lobos, F=Fuerteventura, C=Gran Canaria, T=Tenerife, G=La Gomera, H=El Hierro, P=La Palma, Cult=cultivated material of Canarian endemics, with unknown or unreported origin, and, if material from different localities on the same island are reported by the same autor, the number of localities in brackets; (3) the reference to the original publication (author and year), in chronological order but note that for counts published in *Botanica Macaronesica*, the year on the cover of the volume is cited irrespective of which year the volume actually appeared.

A few corrections of previously published reports are listed on p. 48.

Taxon	n	2n	I	Reference
PTERIDOPHYTA				
Aspleniaceae				
<i>Asplenium anceps</i> Lowe ex Hook. et Grev.	36		P	Rasbach et al. 1981
Dryopteridaceae				
<i>Dryopteris aemula</i> (Ait.) O. Kuntze	41		G	Gibby et al. 1977
<i>Dryopteris aemula</i> x <i>guanchica</i> [<i>D. x gomerica</i> Gibby et Widén]	123 (41I+41II)		G	Gibby et al. 1978
<i>Dryopteris affinis</i> (Lowe) Fr.-Jenk. <i>ssp. affinis</i>		c.82	G	Page 1971
<i>Dryopteris dilatata</i> (Hoffm.) A. Gray		164	T	Vida in Widén et al. 1973
<i>Dryopteris guanchica</i> Gibby et Jermy	82		G	Gibby et al. 1977
<i>Dryopteris guanchica</i> x <i>oligodonta</i> [<i>D. cedroënsis</i> Gibby et Widén] (49-51I+71-80II)	c.205		G	Gibby et al. 1978
<i>Dryopteris oligodonta</i> (Desv.) Pic.-Serm.		82	C	Vida in Widén et al. 1973
		82	G	Gibby et al. 1977
	41		Cult	Page in Gibby et al. 1977
	82		T	Vida in Widén et al. 1973
Polypodiaceae				
<i>Polypodium macaronesticum</i> Bobrov s.lat.	37		C	Nardi 1977
Selaginellaceae				
<i>Selaginella denticulata</i> (L.) Spring.		18	C	Borgen 1969
		18	P	Borgen 1975
Sinopteridaceae				
<i>Cheilanthes catanensis</i> (Cos.) H.P.Fuchs		c.116	L	Vida et al. 1970
		c.116	C	Vida et al. 1970
		58	T	Vida et al. 1970
		c.60	H	Vida et al. 1970
		58	P	Vida et al. 1970
<i>Cheilanthes guanchica</i> Bolle	60	120	C	Vida et al. 1970
	60	120	T	Vida et al. 1970
	60	c.120	H	Vida et al. 1970
		c.120	P	Vida et al. 1970

Taxon	n	2n	I	Reference
<i>Cheilanthes maderensis</i> Lowe	30	60	T	Vida et al. 1970
		60	G	Vida et al. 1970
		60	H	Vida et al. 1970
		60	P	Vida et al. 1970
<i>Cheilanthes marantae</i> (L.) Domin ssp. <i>subcordata</i> (Cav.) Benl et Poelt var. <i>subcordata</i>	30	58	C	Vida et al. 1970
		58-60	H	Vida et al. 1970
		58-60	P	Vida et al. 1970
<i>Cheilanthes pulchella</i> Bory ex Willd.	30	c.60	T	Vida et al. 1970
		60	T	Vida et al. 1970
		c.60	H	Vida et al. 1970
PINOPHYTA				
Pinaceae				
<i>Pinus canariensis</i> Chr. Sm. ex DC. in Buch	12	24	Cult	Bowden 1945
			Cult	Pederick 1967
		24	Cult	Mehra & Khoshoo 1956
		24	T	Gagnieu et al. 1973
		24	Cult	Hizume 1988
MAGNOLIOPHYTA				
MAGNOLIATAE				
Aizoaceae				
<i>Mesembryanthemum crystallinum</i> L.		18	C	Larsen 1960
		18	T	Gagnieu et al. 1973
Amaranthaceae				
<i>Achyranthes aspera</i> L.		84	T	van Loon 1974
<i>Amaranthus viridis</i> L.		34	C	Dalgaard 1986
<i>Bosea yervamora</i> L.		36	C	Borgen 1969
Apiaceae				
<i>Ammodaucus leucotrichus</i> Coss. et Dur. ssp. <i>nanocarpus</i> Beltrán		16	T	Borgen 1970
<i>Apium nodiflorum</i> (L.) Lag.	11		T	Larsen 1960
<i>Astydamia latifolia</i> (L.fil.) Baill.		22	Cult	Wanscher 1932

Taxon	n	2n	I	Reference
		22	T	Larsen 1958, 1960
	11		Cult	Bell & Constance 1960
		22	C	Borgen 1970
	20		T	Gagnieu & al. 1973
<i>Bupleurum handiense</i> (Bolle) Kunk.		32	F	Cauwet 1978
<i>Bupleurum salicifolium</i> R.Br. in Buch ssp. <i>aciphyllum</i> (Webb ex Parl.) Sund. et Kunk.		32	T	Cauwet 1969
		32	H	Cauwet 1969
		32	C	Borgen 1970
<i>Bupleurum semicompositum</i> L.		16	L	Dalgaard 1986
<i>Crithmum maritimum</i> L.		20	T	Borgen 1970
<i>Drusa glandulosa</i> (Poir.) Bornm.		16	Cult	Mathias & Constance 1965
		16	C	Bramwell et al. 1972
		16	T	Gagnieu et al. 1973
<i>Ferula lancerottensis</i> Parl.		18	L	Borgen 1980
<i>Ferula linkii</i> Webb	11	22	C	Larsen 1958, 1960
		22	T	Borgen 1969
<i>Pimpinella dendrotragium</i> Webb		20	T	Larsen 1963
<i>Pimpinella junoniae</i> Ceb. et Ort.		20	G	Febles 1989
<i>Seseli webbii</i> Coss.	11		C	Bramwell et al. 1972
<i>Tinguarra cervariaefolia</i> (DC.) Parl.	11		T	Constance et al. 1971
<i>Tinguarra montana</i> (Webb ex Christ) A. Hans. et Kunk.		22	Cult	Larsen 1958, 1960
<i>Todaroa aurea</i> Parl. ssp. <i>aurea</i>		22	T	Bramwell et al. 1971
ssp. <i>suaveolens</i> P. Pérez		22	P	Bramwell et al. 1972
<i>Torilis arvensis</i> (Huds.) Link		12	T	van Loon & Jong 1978
Araliaceae				
<i>Hedera helix</i> L. ssp. <i>canariensis</i> (Willd.) Cout.		96	Cult	Jacobsen 1954
		48	C	Borgen 1969
Asclepiadaceae				
<i>Caralluma burchardii</i> N. E. Br. var. <i>burchardii</i>		66	Cult	Reese 1972
	110-112		F	Borgen 1974
		121	LO	Albers 1981
		132	F	Albers 1981
var. <i>sventenii</i> Lamb.	c.130		Cult	Reese & Kressel 1967

Taxon	n	2n	I	Reference
		c.132	L	Reese 1972
		132	F	Albers 1977
<i>Ceropegia dichotoma</i> Haw.		22	G	Borgen 1969
		22	P	Bramwell et al. 1972
		22	T	Gagnieu et al. 1973
<i>Ceropegia fusca</i> Bolle		44	C	Borgen 1969
		22	T	Bramwell et al. 1972
<i>Periploca chevalieri</i> Brow.		22	F	Borgen 1975
<i>Periploca laevigata</i> Ait.		22	T	Gagnieu et al. 1973
Asteraceae				
<i>Allagopappus dichotomus</i> (L.fil.) Cass.		20	T	Larsen 1962
		20	T	Borgen 1970
<i>Allagopappus viscosissimus</i> Bolle		20	C	Borgen 1970
<i>Anacyclus radiatus</i> Loisel.		18	L	van Loon 1974
<i>Andryala glandulosa</i> Lam.				
ssp. <i>varia</i> (Lowe ex DC.) R. Fern.		18	L	Borgen 1970
			L	van Loon 1974
<i>Andryala pinnatifida</i> Ait.		18	T	Larsen 1963
		18	C	Borgen 1969
<i>Andryala webbii</i> Sch. Bip. ex Christ	9		P	Ortega & Navarro 1977a
<i>Argyranthemum adauctum</i> (Link) Humphr.				
ssp. <i>adauctum</i>		18	T	Larsen 1960
	9		T(2)	Humphries 1975
ssp. <i>canariense</i> (Sch.Bip.) Humphr.		18	C	Borgen 1969
		18	Cult	Bramwell et al. 1971
	9	18	C(3)	Humphries 1975
	9		C	Bramwell et al. 1976
ssp. <i>dugourii</i> (Bolle) Humphr.	9		T	Humphries 1975
ssp. <i>erythrocarpon</i> (Svent.) Humphr.		18	H	Borgen 1975
	9		H	Humphries 1975
ssp. <i>gracile</i> (Sch.Bip.) Humphr.		18	C	Larsen 1960
	9	18	C(6)	Humphries 1975
ssp. <i>jacobaeifolium</i> (Sch.Bip.) Humphr.		18	C	Borgen 1970
	9		C	Humphries 1975
<i>Argyranthemum broussonetii</i> (Pers.) Humphr.				
ssp. <i>broussonetii</i>	9	18	T	Larsen 1958, 1960
		18	T	Borgen 1970
	9	18	T(4)	Humphries 1975
<i>Argyranthemum callichrysum</i> (Svent.)				

Taxon	n	2n	I	Reference
Humphr.	9		G	Bramwell et al. 1971
		18	G	Borgen 1974
	9	18	G(2)	Humphries 1975
<i>Argyranthemum coronopifolium</i> (Willd.)				
Humphr.	9	18	T(2)	Larsen 1960
	9		T	Bramwell et al. 1971
	9	18	T	Humphries 1975
<i>Argyranthemum coronopifolium</i> x <i>frutescens</i>				
ssp. <i>frutescens</i>		18-36	T	Humphries 1976
<i>Argyranthemum escarrei</i> (Svent.) Humphr.	9		C	Humphries 1975
<i>Argyranthemum filifolium</i> (Sch.Bip.) Humphr.	9		Cult	Shimotomai 1937
		18	C	Borgen 1970
	9	18	C(2)	Humphries 1975
<i>Argyranthemum foeniculaceum</i> (Willd.)				
Webb ex Sch. Bip.	9		Cult	Harling 1951
	9	18	T(2)	Larsen 1958, 1960
		18	T	Borgen 1969
	9		T	Bramwell et al. 1971
		18	T	Gagnieu et al. 1973
	9	18	T(5)	Humphries 1975
<i>Argyranthemum frutescens</i> (L.) Sch.Bip.				
ssp. <i>canariae</i> (Christ) Humphr.		18	C	Borgen 1969
	9	18	C(2)	Humphries 1975
ssp. <i>foeniculaceum</i> (Pit. et Pr.) Humphr.		18	G	Larsen 1960
	9	18	G(2)	Humphries 1975
ssp. <i>frutescens</i>		c.20	Cult	Tahara 1921
		27	Cult	Shimotomai 1937
		27	Cult	Dowrick 1952
	9	18	T	Larsen 1960
	9		T	Bramwell et al. 1971
	9	18	T(5)	Humphries 1975
		18	Cult	Bhattacharyya 1976, 1977
ssp. <i>gracilescens</i> (Christ) Humphr.		18	T	Borgen 1969
	9		T	Bramwell et al. 1971
	9	18	T(3)	Humphries 1975
ssp. <i>parviflorum</i> (Pit. et Pr.) Humphr.		18	G	Larsen 1960
	9	18	Cult	Humphries 1975
ssp. <i>pumilum</i> Humphr.	9		C	Humphries 1975
ssp. <i>succulentum</i> Humphr.	9	18	T(2)	Larsen 1958, 1960
	9		T	Bramwell et al. 1971

Taxon	n	2n	I	Reference
	9		T	Gagnieu et al. 1973
	9		T	Humphries 1975
<i>Argyranthemum gracile</i> Sch.Bip.		18	T	Larsen 1960
	9	18	T(4)	Humphries 1975
<i>Argyranthemum haouarytheum</i> Humphr. et Bramw.	9		Cult	Harling 1951
	9	18	P	Bramwell et al. 1971
	9	18	P(5)	Humphries 1975
<i>Argyranthemum hierrense</i> Humphr.	9	18	H(3)	Humphries 1975
<i>Argyranthemum lidii</i> Humphr.	9		C	Humphries 1975
<i>Argyranthemum maderense</i> (D.Don) Humphr.	9		Cult	Larsen 1958, 1960
		18	L	Borgen 1970
	9	18	L	Humphries 1975
<i>Argyranthemum sventenii</i> Humphr. et Aldr.	9		H	Bramwell et al. 1976
<i>Argyranthemum tenerifae</i> Humphr.	9		Cult	Harling 1951
	9	18	T(2)	Larsen 1958, 1960
	9		T	Linder & Lambert 1965
		18	T	Borgen 1970
	9		T	Bramwell et al. 1971
	9	18	T	Humphries 1975
<i>Argyranthemum webbii</i> Sch. Bip.	9		P	Humphries 1975
<i>Argyranthemum winteri</i> (Svent.) Humphr.	9		F	Humphries 1975
<i>Artemisia reptans</i> Chr. Sm. in Buch		18	Cult	Kawatani & Ohno 1964
		16	C	Borgen 1969
<i>Artemisia thuscula</i> Cav.		18	T	Larsen 1958, 1960
		18	Cult	Kawatani & Ohno 1964
		18	T	Borgen 1969
		18	T	Gagnieu et al. 1973
<i>Atalanthus microcarpus</i> (Boulos) A. Hans. et Sund.		18	T	Roux & Boulos in Boulos 1967a
<i>Atalanthus pinnatus</i> (L.fil.) D. Don		18	T	Michaelis 1964
	9	18	C	Roux & Boulos in Boulos 1967a
	9		C	Pérez de Paz 1976
<i>Atalanthus webbii</i> (Sch. Bip. in Webb et Berth.) A. Hans. et Sund.		18	G	Boulos 1967a
	9	18	C	Boulos 1967a

Taxon	n	2n	I	Reference
	9		C	Pérez de Paz 1976
<i>Atractylis arbuscula</i> Svent. et Michaelis				
var. <i>schizogynophylla</i> Svent. et Kahne	10		C	Ortega & Navarro 1977a
<i>Atractylis cancellata</i> L.		20	C	Borgen 1969
<i>Atractylis preauxiana</i> Sch. Bip.		20	C	Aldridge & Ortega 1976
<i>Babcockia platylepsis</i> (Webb) Boulos	9	18	C	Larsen 1958, 1960
		18	Cult	Roux & Boulos in Boulos 1965
		18	C	Borgen 1969
<i>Bidens pilosa</i> L.		c.76	T	van Loon 1974
<i>Calendula aegyptiaca</i> Desf.				
ssp. <i>tripterocarpa</i> (Rupr.) Lanza		54	C	Dalgaard 1986
<i>Calendula arvensis</i> L.		44	T	van Loon 1974
		44	P	Borgen 1975
<i>Carduus baeocephalus</i> Webb		32	H	Larsen 1960
<i>Carduus tenuiflorus</i> Curt.		54	T	van Loon 1974
<i>Carlina canariensis</i> Pit.		20	C	Bramwell et al. 1976
		20	C	Febles 1984
<i>Carlina salicifolia</i> (L.fil.) Cav.				
var. <i>salicifolia</i>		20	C	Febles 1984
<i>Carlina xeranthemoides</i> L. fil.		20	T	Febles 1984
<i>Centaurea melitensis</i> L.		24	T	van Loon 1974
<i>Cheirolophus arbutifolius</i> (Svent.) Kunk.		32	C	Borgen 1969
<i>Cheirolophus canariensis</i> (Brouss. ex Willd.) Holub		30	T	Larsen 1960
		30	Cult	Borgen 1969
		30	T	Gagnieu et al. 1973
var. <i>subexpinnatus</i> (Burch.) A. Hans. et Sund.		30	T	Bramwell et al. 1972
<i>Cheirolophus duranii</i> (Burch.) Holub		32	H	Bramwell et al. 1972
		32	H	Borgen 1974
<i>Cheirolophus junonianus</i> (Svent.) Holub		32	P	Bramwell et al. 1972
<i>Cheirolophus tagananensis</i> (Svent.) Holub		45	T	Bramwell et al. 1971
		28	T	Gagnieu et al. 1973
<i>Cheirolophus teydis</i> (Chr.Sm. in Buch) G. López		30	T	Larsen 1960
		30	T	Michaelis 1964
		30+1	T	Bramwell et al. 1971
<i>Cheirolophus webbianus</i> (Sch.Bip.) Holub		32	T	Bramwell et al. 1971
<i>Chrysanthemum coronarium</i> L.		18	L	Borgen 1969

Taxon	n	2n	I	Reference
	9		L	Bramwell et al. 1971
		18	L	van Loon 1974
<i>Conyza bonariensis</i> (L.) Cronq.		54	C	Borgen 1969
<i>Crepis canariensis</i> (Sch. Bip.) Babç.		8	L	Babcock & Cameron 1934
		8	L	Babcock 1947
		8	L	Borgen 1970
	4		L	Bramwell et al. 1971
		8	F	Bramwell et al. 1976
<i>Cynara cardunculus</i> L.				
var. <i>ferocissima</i> Lowe		34	C	Larsen 1960
		34	T	Gagnieu et al. 1973
		34	C	Borgen 1974
<i>Dittrichia viscosa</i> (L.) Greuter		18	C	Larsen 1960
<i>Erigeron calderae</i> A. Hans.		18	T	Febles 1989
<i>Filago pyramidata</i> L.		28	C	Larsen 1960
<i>Galactites tomentosa</i> Moench		22	T	Larsen 1960
		22	C	Borgen 1974
		22	T	van Loon 1974
<i>Galinsoga quadriradiata</i> Ruiz et Pav.		32	T	van Loon 1974
<i>Gnaphalium luteo-album</i> L.		14	T	Larsen 1960
		14+1b	T	Larsen 1960
<i>Gonospermum canariense</i> Less.	9		P	Bramwell et al. 1976
	9		P	Febles 1989
		18	P	Febles et al. 1989a
<i>Gonospermum elegans</i> (Cass.) DC.		18+2B	Cult	Borgen 1974
	9		H	Febles 1989
		18-2B	H	Febles et al. 1989a
<i>Gonospermum fruticosum</i> (Buch) Less.	9		T	Gagnieu et al. 1973
		18	T	Borgen 1974
	9		T	Febles 1989
		18	T	Febles et al. 1989a
<i>Gonospermum gomerae</i> Bolle		18	G	Larsen 1963
		18	G	Bramwell et al. 1971
	9		G	Febles 1989
		18	T	Febles et al. 1989a
		18	G	Febles et al. 1989a
		18	H	Febles et al. 1989a
<i>Hedypnois cretica</i> (L.) Dum.-Cours.		10	L	Borgen 1970
		11,12	L	van Loon 1974
		11	L	Dalgaard 1986

Taxon	n	2n	I	Reference
<i>Helichrysum gossypinum</i> Webb		28	L	Borgen 1974
		28	L	van Loon 1974
		28	L	Febles 1989
<i>Helichrysum monogynum</i> Burt et Sund.	14		L	Borgen 1974
	21	42	L	Febles 1989
<i>Hyoseris radiata</i> L.		16	C	Borgen 1970
<i>Hypochoeris glabra</i> L.		10	T	Larsen 1960
		10	C	Larsen 1960
<i>Hypochoeris oligocephala</i> (Svent. et Bramw.) Lack		6	T	Bramwell et al. 1972
		6	Cult	Merxmüller 1973
		6	T	Lack 1978
<i>Ifloga spicata</i> (Forssk.) Sch. Bip.		14	L	Dalgaard 1986
<i>Kleinia neriifolia</i> Haw.		c.20	G	Larsen 1960
		20	C	Borgen 1969
		20	T	Gagnieu et al. 1973
<i>Lactuca palmensis</i> Bolle	8		P	Ortega & Navarro 1977a
<i>Launaea arborescens</i> (Batt.) Murb.		14	C	Larsen 1960
		14	C	Borgen 1969
		14	T	Gagnieu et al. 1973
		14	C	Dalgaard 1986
<i>Launaea nudicaulis</i> (L.) Hook. fil.		18	L	Borgen 1970
		18	L	van Loon 1974
<i>Leontodon taraxacoides</i> (Vill.) Mérat. ssp. <i>longirostris</i> Finch et Sell		8	T	Larsen 1960
		8	L	Dalgaard 1987
<i>Lugoa revoluta</i> (Chr. Sm. in Buch) DC.		18	T	Gagnieu et al. 1973
	9		T	Aldridge & Ortega 1976
	9		T	Febles 1989
<i>Nauplius aquaticus</i> (L.) Cass.		18	T	Febles et al. 1989a
		14	C	Borgen 1970
<i>Nauplius graveolens</i> (Forssk.) Wikl. ssp. <i>odorus</i> (Schousb.) Wikl. ssp. <i>stenophyllus</i> (Link in Buch) Wikl.	7		C	Halvorsen & Borgen 1986
			C(4)	Halvorsen & Borgen 1986
		14	C	Borgen 1970
		14	T	Bramwell et al. 1972
		14	C(2)	Dalgaard 1986
<i>Nauplius intermedius</i> Webb in Webb et Berth.	7		C(3)	Halvorsen & Borgen 1986
		14	L	Borgen 1974
		14	L	van Loon 1974

Taxon	n	2n	I	Reference
		14	L	Dalgaard 1986
	7		L(3)	Halvorsen & Borgen 1986
		14	L	Halvorsen & Borgen 1986
<i>Nauplius schultzi</i> (Bolle) Wikl.		14	F	Borgen 1974
	7		L(3)	Halvorsen & Borgen 1986
<i>Nauplius sericeus</i> (L.fil.) Cass.		14	Cult	Larsen 1958, 1960
		14	Cult	Borgen 1969
	8		Cult	Powell et al. 1974
	7		F(3)	Halvorsen & Borgen 1986
		14	F	Halvorsen & Borgen 1986
<i>Onopordon carduelium</i> Bolle		34	C	Febles 1989
<i>Onopordon nogalesii</i> Svent.		34	F	Febles 1989
<i>Pericallis appendiculata</i> (L.fil.) B. Nord.	c.30		Cult	Afzelius 1967
		60	Cult	Borgen 1969
		16?	T	Gagnieu et al. 1973
		60	T	Borgen 1974
<i>Pericallis cruenta</i> (L'Hér.) Bolle		30	T	Larsen 1958,1960
<i>Pericallis echinata</i> (L.fil.) B. Nord.		60	Cult	Afzelius 1949
<i>Pericallis hadrosoma</i> (Svent.) B. Nord.		60	C	Ortega 1980
<i>Pericallis hansenii</i> (Kunk.) Sund.		60	G	Dalgaard 1991
<i>Pericallis lanata</i> (L.'Hér.) B.Nord		60	Cult	Afzelius 1949
		c.60,c.120	T	Larsen 1960
		c.60	T	Borgen 1969
<i>Pericallis murrayi</i> (Bornm.) B. Nord.		60	H	Borgen 1975
<i>Pericallis papyracea</i> (DC.) B. Nord.	c.30		Cult	Afzelius 1967
<i>Pericallis steetzii</i> (Bolle) B. Nord.		60	G	Larsen 1960
	30		Cult	Afzelius 1967
		60	G	Borgen 1975
		60	G	Dalgaard 1986
<i>Pericallis tussilaginis</i> (L'Hér.) D. Don in Sweet	30	60	T	Larsen 1958, 1960
		60	C	Borgen 1969
		60	T	Bramwell et al. 1972
<i>Pericallis webbii</i> (Sch. Bip.) Bolle		60	Cult	Afzelius 1949
		c.60	C	Borgen 1969
<i>Phagnalon purpurascens</i> Sch. Bip.		18	C	Borgen 1969
		18	C	Dalgaard 1986
<i>Phagnalon rupestre</i> (L.) DC.		18	C	Borgen 1970
		18	L	van Loon 1974

Taxon	n	2n	I	Reference
<i>Phagnalon saxatile</i> (L.) Cass.		18	T	Larsen 1960
		18	C	Borgen 1969
		18	L	Dalgaard 1986
<i>Phagnalon umbelliforme</i> DC.		18	C	Borgen 1970
<i>Prenanthes pendula</i> Sch.Bip.		18	C	Michaelis 1964
		18	C	Dalgaard 1986
<i>Pulicaria burchardii</i> Hutch. ssp. <i>burchardii</i>		18	Cult	Febles & Ortega 1982
<i>Pulicaria canariensis</i> Bolle		12	L	Ortega 1980
<i>Reichardia famarae</i> Bramw. et Kunk. ex Gallego et Talav.		16	L	Van Loon 1974
	8		F	Ortega & Navarro 1977a
<i>Reichardia intermedia</i> (Sch. Bip.) Cout.	8		H	Bramwell et al. 1976
<i>Reichardia ligulata</i> (Vent.) Kunk. et Sund.	8		C	Borgen 1969
	8		T	Gagnieu et al. 1973
<i>Reichardia tingitana</i> (L.) Roth		16	G	Larsen 1960
		16	F	Borgen 1970
		16	L	van Loon 1974
		16	L	Dalgaard 1986
		18	C	Michaelis 1964
<i>Schizogyne glaberrima</i> DC.		18	C	Borgen 1970
	9		C	Ortega & Navarro 1977b
		18	C	Dalgaard 1986
<i>Schizogyne sericea</i> (L.fil.) DC.		18	G	Larsen 1960
		18	T	Gagnieu et al. 1973
		18	C	Dalgaard 1986
		40	F	Borgen 1969
<i>Senecio bollei</i> Sund. et Kunk.		40	F	Borgen 1969
<i>Senecio glaucus</i> L.				
ssp. <i>coronopifolius</i> (Maire) Alexander		40	L	Dalgaard 1987
<i>Senecio hermosae</i> Pit.		20	G	Febles 1989
<i>Senecio leucanthemifolius</i> Poir.		20	L	Dalgaard 1991
<i>Senecio massaicus</i> (Maire) Maire		40	L	Dalgaard 1986
<i>Senecio palmensis</i> (Chr. Sm. in Buch) Link	10		P	Ortega & Navarro 1977a
<i>Senecio teneriffae</i> Sch. Bip.		60	T(3)	Kadereit 1984, Gilmer & Kadereit 1989
<i>Senecio vulgaris</i> L.		40	T(3)	Gilmer & Kadereit 1989
<i>Silybum marianum</i> (L.) Gaertn.		34	L	van Loon 1974
<i>Sonchus acaulis</i> Dum.-Cours.		18	C	Roux & Boulos in Boulos 1967b
		18	C	Borgen 1969
		18	Cult	Henin in Roux & Boulos

Taxon	n	2n	I	Reference
				1972
<i>Sonchus bornmuelleri</i> Pit.		18	P	Bramwell et al. 1972
<i>Sonchus bourgeauii</i> Sch. Bip.	8		Cult	Henin in Boulos 1960
<i>Sonchus brachylobus</i> Webb et Berth.		18	C	Roux & Boulos in Boulos 1967b
<i>Sonchus canariensis</i> (Sch.Bip.) Boulos		18	Cult	Borgen 1969
<i>Sonchus congestus</i> Willd.		18	T	Larsen 1960
		18	T	Roux & Boulos in Boulos 1967b
		18	C	Borgen 1970
		18	T	Bramwell et al. 1972
		18	T	van Loon 1974
<i>Sonchus gandogerii</i> Pit.		18	H	Roux & Boulos 1972
<i>Sonchus gomerensis</i> Boulos		18	G	Roux & Boulos in Boulos 1967b
<i>Sonchus gummifer</i> Link		18	T	Roux & Boulos in Boulos 1967b
		18	T	Bramwell et al. 1972
<i>Sonchus hierrensis</i> (Pit.) Boulos var. <i>benehoavensis</i> Svent.		18	P	Roux & Boulos in Boulos 1967b
<i>Sonchus lidii</i> Boulos		18	H	Roux & Boulos in Boulos 1967b
<i>Sonchus oleraceus</i> L.		32	T	Larsen 1960
		32	C	Borgen 1970
		32	C	Dalgaard 1986
<i>Sonchus palmensis</i> (Sch. Bip.) Boulos		18	Cult	Henin in Boulos 1960
		18	P	Roux & Boulos in Boulos 1967b
		18	Cult	Borgen 1969
<i>Sonchus pinnatifidus</i> Cav.		18	Cult	Roux & Boulos 1972
<i>Sonchus pitardii</i> Boulos		18	H	Roux & Boulos in Boulos 1967b
<i>Sonchus radicans</i> Ait.		18	T	Larsen 1960
		18	T	Roux & Boulos 1972
<i>Sonchus tenerrimus</i> L.		14	H	Roux & Boulos 1972
<i>Sonchus tuberifer</i> Svent.		18	T	Roux & Boulos 1972
<i>Sventenia bupleuroides</i> Font Quer	9	18	C	Pérez de Paz 1976
<i>Tanacetum ferulaceum</i> (Webb) Sch. Bip. var. <i>ferulaceum</i>		18	C	Borgen 1970

Taxon	n	2n	I	Reference
	9		C	Aldridge & Ortega 1976
	9	18	C	Febles 1989
		18(19)	C	Febles 1989b
var. <i>latipinnum</i> (Svent.) Kunk.		18	C	Febles 1989
		18	C	Febles et al. 1989b
<i>Tanacetum oshanahanii</i> Marrero, Febles et Suárez		18	C	Febles 1989
		18(19)	C	Febles et al. 1989b
<i>Tanacetum parthenium</i> (L.) Sch. Bip.		18	C	Borgen 1970
<i>Tanacetum ptarmiciflorum</i> (Webb) Sch. Bip.		36	Cult	Larsen 1958, 1960
	9		C	Aldridge & Ortega 1976
		18	C	Borgen 1980
	9	18	C	Febles 1989
		18	C	Febles et al. 1989b
<i>Taraxacum officinale</i> Webb sens. lat.		24	T	Borgen 1970
<i>Tolpis barbata</i> (L.) Gaertn.		18	C	Dalgaard 1986
<i>Tolpis crassiuscula</i> Svent.	9		T	Aldridge & Ortega 1976
		18	T	Moreno 1978
<i>Tolpis glabrescens</i> Kämmer		18	T	Moreno 1978
<i>Tolpis laciniata</i> (Sch. Bip. ex Webb et Berth.) Webb	9		T	Aldridge & Ortega 1976
		18	G	Moreno 1978
<i>Tolpis lagopoda</i> Chr. Sm. in Buch		18	T	Larsen 1963
		18	C	Borgen 1970
	9		T	Gagnieu et al. 1973
	9		C	Bramwell et al. 1976
	9		T	Aldridge & Ortega 1976
	9	18	C	Moreno 1978
<i>Tolpis proustii</i> Pit.	9		H	Bramwell et al. 1976
<i>Tolpis webbii</i> Sch. Bip. ex Webb et Berth.		18	T	Larsen 1960
	9		T	Gagnieu et al. 1973
	9		T	Aldridge & Ortega 1976
<i>Tragopogon porrifolius</i> L.				
ssp. <i>australis</i> (Jord.) Nym.		12	T	Larsen 1960
<i>Vieria laevigata</i> (Brouss. ex Willd.) Webb		16	T	Bramwell et al. 1971
		16	T	Gagnieu et al. 1973
		16	T	Borgen 1974
	8		T	Aldridge & Ortega 1976
<i>Volutaria canariensis</i> Wagenitz		32	C	Dalgaard 1986

Taxon	n	2n	I	Reference
Boraginaceae				
<i>Ceballosia fruticosa</i> (L. fil.) Kunk.				
var. <i>fruticosa</i>		16	T	Bramwell et al. 1972
var. <i>angustifolia</i> (Lam.) Kunk.		16	Cult	Larsen 1958, 1960
		16	T	Lepper 1982
<i>Cynoglossum creticum</i> Mill.		24	T	Larsen 1960
<i>Echium acanthocarpum</i> Svent.		16	G	Bramwell 1972
		16	G	Borgen 1974
<i>Echium aculeatum</i> Poir.		16, 32	Cult	Litardière 1943
		16	T	Larsen 1960
		16	T	Fritsch 1973
<i>Echium brevirame</i> Sprague et Hutch.		16, 32	P	Febles 1989
<i>Echium callithyrsum</i> Webb ex Bolle		16, 32	C	Febles 1989
<i>Echium decaisnei</i> Webb		16	Cult	Litardière 1943
		16	C	Larsen 1960
		16	C	Borgen 1969
		16	Cult	Fritsch 1973
<i>Echium gentianoides</i> Webb ex Coincy		16	Cult	Borgen 1969
<i>Echium giganteum</i> L. fil.		16	T	Michaelis 1964
		16	T	Borgen 1970
		16	T	Bramwell et al. 1971
<i>Echium handiense</i> Svent.		16	F	Borgen 1970
<i>Echium hierrense</i> Webb ex Bolle		16	H	Borgen 1974
<i>Echium leucophaeum</i> Webb ex Sprague et Hutch.		16	T	Bramwell et al. 1971
<i>Echium onosmifolium</i> Webb		16	C	Borgen 1970
<i>Echium pininana</i> Webb et Berth.		16	Cult	Litardière 1943
		16	Cult	Britton 1951
		16	Cult	Borgen 1969
		16	Cult	Fritsch 1973
<i>Echium plantagineum</i> L.		16	C	Borgen 1970
<i>Echium simplex</i> DC.		16	T	Bramwell et al. 1971
		16	T	Gagnieu et al. 1973
<i>Echium strictum</i> L. fil.				
ssp. <i>strictum</i>		16	T	Larsen 1960
	8		T	Linder & Lambert 1965
		16	C	Borgen 1969
		16	T	Bramwell et al. 1971
ssp. <i>exasperatum</i> (Webb ex Coincy)				
Bramw.	8		T	Bramwell et al. 1971
<i>Echium sventenii</i> Bramw.	8		T	Bramwell et al. 1972

Taxon	n	2n	I	Reference
<i>Echium triste</i> Svent.				
ssp. <i>triste</i>		16,32	C	Febles 1989
ssp. <i>nivariense</i> (Svent.) Bramw.	8		T	Bramwell et al. 1972
<i>Echium virescens</i> DC.				
var. <i>virescens</i>		16,24	Cult	Borgen 1970
		16,32	T	Febles 1989
<i>Echium webbii</i> Coincy	8		P	Bramwell et al. 1972
<i>Echium wildpretii</i> Pears. ex Hook. fil.				
ssp. <i>wildpretii</i>		16	Cult	Strey 1931
		16	T	Larsen 1960
		16	T	Gagnieu et al. 1973
		16	T	Fritsch 1973
<i>Myosotis latifolia</i> Poir.		32	Cult	Grau 1964
Brassicaceae				
<i>Brassica bourgeauii</i> (Webb ex Christ)				
O. Kuntze	9		P	Borgen et al. 1979
<i>Cakile maritima</i> Scop.		18	L	van Loon 1974
<i>Cardamine hirsuta</i> L.		16	T	Larsen 1960
		32	P	Borgen 1975
<i>Crambe arborea</i> Webb ex Christ		30	T	Borgen 1970
		30	T	Bramwell et al. 1972
<i>Crambe gomerae</i> Webb ex Christ	15		G	Ortega 1980
<i>Crambe laevigata</i> DC. ex Christ	15		T	Ortega & Navarro 1977a
<i>Crambe pritzelii</i> Bolle	15		C	Ortega & Navarro 1977a
<i>Crambe scaberrima</i> Webb ex Bramw.	15		T	Gagnieu et al. 1973
		30	T	Borgen 1980
<i>Crambe scoparia</i> Svent.	15		C	Ortega & Navarro 1977a
<i>Crambe strigosa</i> L'Her.		30	T	Larsen 1960
<i>Crambe sventenii</i> B. Petters. ex Bramw. et Sund.		30	F	Borgen 1974
<i>Descurainia artemisioides</i> Svent.		14	C	Borgen 1969
		14	C	Bramwell 1977a
<i>Descurainia bourgeauana</i> (Fourn.) O.E.Schulz	7		T	Larsen 1960
		14	T	Borgen 1969
	7	14	T	Bramwell 1977a
<i>Descurainia gonzalezii</i> Svent.		21	T	Borgen 1969
		21	T	Bramwell 1977a
	7,14		T(2)	Bramwell 1977a

Taxon	n	2n	I	Reference
	14		T	Polatschek 1983
<i>Descurainia lemsii</i> Bramw.	7	14	T(2)	Bramwell 1977a
<i>Descurainia millefolia</i> (Jacq.) Webb et Berth.		14	T	Larsen 1960
		14	Cult	Bramwell 1977a
<i>Descurainia preauxiana</i> (Webb) O.E. Schulz		14	C	Borgen 1969
		14	C	Bramwell 1977a
		14	C	Dalgaard 1986
<i>Erucastrum canariense</i> Webb et Berth.		18	T	Larsen 1960
	9	18	C	Larsen 1963
		18	L	Larsen 1963
	9		Cult	Harberd 1972
		18	L	van Loon 1974
		18	L(2)	Dalgaard 1986
<i>Erucastrum cardaminoides</i> (Webb ex Christ) O.E. Schulz	9	18	C	Larsen 1963
	9		Cult	Harberd 1972
		18	T	Dalgaard 1986
<i>Erysimum bicolor</i> (Hornem.) DC.		c.42	Cult	Manton 1932
		28	T	Manton 1932
		28	T	Larsen 1960
		28	C	Borgen 1969
		28	H	Borgen 1974
		32	T	Gagnieu et al. 1973
	14		T(2)	Favarger 1975
		c.42	Cult	Polatschek 1976
<i>Erysimum scoparium</i> (Brouss. ex Willd.) Wettst.	14		Cult	Jaretsky 1932
		28	Cult	Skiebe 1956
		28	T	Larsen 1958, 1960
	14		T	Linder & Lambert 1965
		28	T	Borgen 1969
		28	T	Gagnieu et al. 1973
		28	T	Favarger 1975
		28	T	Polatschek 1976
<i>Hymenolobus procumbens</i> (L.) Nutt. ex Torr. et Gray		12	T	Larsen 1960
<i>Lobularia canariensis</i> (DC.) Borgen <i>ssp.canariensis</i>		22	C	Borgen 1969
		22	C	Borgen 1987

Taxon	n	2n	I	Reference
	11(10-12)	22	T(2)	Borgen 1987
<i>ssp. intermedia</i> (Webb) Borgen		22	C	Larsen 1960
		22	C	Borgen 1970
	11		T	Gagnieu et al. 1973
		22	T	Dalgaard 1986
	11	22	T	Borgen 1984
	11(10-12)	22	T(7)	Borgen 1987
	11	22	G	Borgen 1987
	11	22	H	Borgen 1987
		22	P	Borgen 1987
<i>ssp. marginata</i> (Webb) Borgen		22	F	Borgen 1974
	11		F	Borgen 1984,1987
	11	22	L(2)	Borgen 1987
<i>ssp. microsperma</i> Borgen	11	22	C	Borgen 1987
<i>ssp. palmensis</i> (Christ) Borgen	11	22(44)	P(2)	Borgen 1984
	11(22)	22(44)	P(3)	Borgen 1987
<i>Lobularia libyca</i> (Viv.) Meissn.		22	L	Borgen 1970
		22	L	van Loon 1974
	11		L	Borgen 1984
	11	22	L(2)	Borgen 1987
	11		C	Borgen 1987
<i>Matthiola fruticulosa</i> (L.) Maire				
var. <i>bolleana</i> (Webb ex Christ) Sund.		12	L	van Loon 1974
<i>Moricandia arvensis</i> (L.) DC.		28	C	Dalgaard 1986
<i>Notoceras bicornis</i> (Sol.) Car.		22	G	Larsen 1960
<i>Parolinia filifolia</i> Kunk.		22	C	Febles 1989
<i>Parolinia intermedia</i> Svent. et Bramw.		22	T	Bramwell et al. 1972
<i>Parolinia ornata</i> Webb		22	C	Borgen 1969
		22	C	Bramwell et al. 1972
<i>Parolinia schizogynoides</i> Svent.		22	G	Bramwell et al. 1972
<i>Raphanus raphanistrum</i> L.		18	L	van Loon 1974
<i>Sisymbrium irio</i> L.		14	L	van Loon 1974
		14	C	Dalgaard 1986
Campanulaceae				
<i>Campanula occidentalis</i> Y. Nyman		24	Cult	Nyman 1991
<i>Canarina canariensis</i> (L.) Vatke		34	Cult	Larsen 1962
		34	T	Michaelis 1964
	17	34	Cult	Borgen 1969
		34,68	T	Hedberg 1961

Taxon	n	2n	I	Reference
	17	34	Cult(3)	Hedberg 1961
		c.68	Cult	Hedberg 1961
<i>Wahlenbergia lobelioides</i> (L.fil.) A. DC.		18	G	Larsen 1960
ssp. <i>lobelioides</i>		18	L	van Loon 1974
		18	L(2)	Dalgaard 1986
Caprifoliaceae				
<i>Viburnum tinus</i> L.		18	Cult	Egolf 1962
ssp. <i>rigidum</i> (Vent.) P. Silva	9		T	Ortega & Navarro 1977b
Caryophyllaceae				
<i>Arenaria leptoclados</i> (Rchb.) Guss.		20	C	Larsen 1960
<i>Cerastium glomeratum</i> Thuill.		c.72	T	Larsen 1960
<i>Dicheranthus plocamoides</i> Webb	8		G	Ortega & Navarro 1977b
<i>Minuartia geniculata</i> (Poir.) Thell.		18	L	Borgen 1974
		18	F	Findlay & McNeill 1974
		18	L	Findlay & McNeill 1974
		18	L	van Loon 1974
<i>Minuartia platyphylla</i> (Gay ex Christ)		18	F	Findlay & McNeill 1974
McNeill		34	C	Borgen 1969
<i>Paronychia canariensis</i> (L. fil.) Juss.		34	C	Borgen 1969
<i>Paronychia capitata</i> (L.) Lam.		18	C	Borgen 1974
ssp. <i>canariensis</i> (Chaudri) Sund.		18	C	Borgen 1974
<i>Petrorhagia nanteuilii</i> (Burn.)		60	T	Larsen 1960
Ball et Heyw.		60	C	Böcher & Larsen in Ball & Heyw. 1962
		60	T	Böcher & Larsen in Ball & Heyw. 1962
	12,36		C	Borgen 1974
	60		L	van Loon 1974
<i>Polycarpaea carnosa</i> Chr. Sm. ex Buch		18	T	Larsen 1962
var. <i>carnosa</i>		18	T	van Loon 1974
var. <i>spathulata</i> Svent.		18	G	Larsen 1960
<i>Polycarpaea divaricata</i> (Ait.) Poir		c.26	T	Larsen 1960
		18	T	van Loon 1974
	9		T	Ortega & Navarro 1977b

Taxon	n	2n	I	Reference
		18	T	Borgen 1980
<i>Polycarpha filifolia</i> Webb ex Christ		18	G	Borgen 1974
<i>Polycarpha smithii</i> Link	9		P	Ortega & Navarro 1977a
<i>Silene apetala</i> Willd.		24	G	Larsen 1960
		24	L	van Loon & Jong 1978
<i>Silene bourgeauii</i> Webb ex Christ		24	G	Larsen 1962
		24	G	Borgen 1974
<i>Silene colorata</i> Poir.		24	L	Dalgaard 1987
<i>Silene gallica</i> L.		24	T	Larsen 1960
		24	C	Larsen 1960
		24	L	Dalgaard 1986
<i>Silene italica</i> (L.) Pers.				
var. <i>pogonocalyx</i> Svent.	12		P	Ortega & Navarro 1977a
<i>Silene lagunensis</i> Chr. Sm. ex Christ		24	T	Borgen 1980
<i>Silene longicaulis</i> Pour. ex Lag.		24	L	van Loon 1974
<i>Silene nocteolens</i> Webb et Berth.		24	T	Larsen 1960
		24	T	Bramwell et al. 1972
<i>Silene</i> cf. <i>nocteolens</i> Webb et Berth.		24	C	Ortega 1980
<i>Silene</i> cf. <i>nutans</i> L.		24	T	Gagnieu et al. 1973
<i>Silene tridentata</i> Desf.		24	G	Larsen 1960
<i>Silene vulgaris</i> (Moench) Garcke				
ssp. <i>commutata</i> (Guss.) Hayek		48	C(4)	Larsen 1960
		48	T(3)	Larsen 1960
<i>Spergularia diandra</i> (Guss.) Boiss.		18	L	Dalgaard 1987
<i>Spergularia fimbriata</i> Boiss. et Reut.		18	L	Borgen 1970
		18	L	van Loon 1974
		18	T	van Loon 1974
		18	C	Dalgaard 1986
<i>Spergularia media</i> (L.) C. Presl		18	T	Larsen 1960
Chenopodiaceae				
<i>Atriplex glauca</i> L.				
var. <i>ifniensis</i> (Cab.) Maire	9	18	T	Larsen 1960
<i>Atriplex semibaccata</i> R. Br.		18	C(2)	Dalgaard 1986
<i>Chenopodium album</i> L.		54	C	Borgen 1974
<i>Chenopodium murale</i> L.		18	T	Dalgaard 1986
<i>Einadia nutans</i> (R. Br.) A. J. Scott		36	T	Larsen 1960
<i>Patellifolia patellaris</i> (Moq.) S., F.-L. et W.	9		Cult	Bleier 1930
		18	Cult	Wulff 1936

Taxon	n	2n	I	Reference
	9	18	T	Larsen 1962
		36	C(2)	Dalgaard 1986
Cistaceae				
<i>Cistus osbaeckiaefolius</i> Webb ex Christ		18	T	Febles 1989
<i>Cistus symphytifolius</i> Lam.		18	Cult	Chiarugi 1937
		18	T	Michaelis 1964
	9		T	Linder & Lambert 1965
		18	C	Borgen 1970
<i>Helianthemum broussonetii</i> Dun. ex DC.		20	P	Febles 1989
<i>Helianthemum bystropogophyllum</i> Svent.		20	C	Aldridge & Ortega 1976
<i>Helianthemum canariense</i> (Jacq.) Pers.		20	C	Borgen 1970
		20	L	van Loon 1974
		20	C	Dalgaard 1986
		20	L(2)	Dalgaard 1986
<i>Helianthemum juliae</i> Wildpret		20	T	Febles 1989
<i>Helianthemum teneriffae</i> Coss.		20	T	Febles 1989
<i>Helianthemum tholiforme</i> Bramw., Ort. et Nav.		20	C	Aldridge & Ortega 1976
<i>Helianthemum thymiphyllum</i> Svent.		20	L	Febles 1989
Cneoraceae				
<i>Neochamaelea pulverulenta</i> (Vent.) Erdtm.		36	C	Borgen 1974
		36	C	Straka et al. 1976
		36	T	Goldblatt 1979
Convolvulaceae				
<i>Convolvulus canariensis</i> L.		24	C	Borgen 1969
		22	T	Gagnieu et al. 1973
<i>Convolvulus caput-medusae</i> Lowe		30	C	Aldridge & Ortega 1976
		30	C	Dalgaard 1986
		30	C	Febles 1989
<i>Convolvulus floridus</i> L. fil.	15	30	C	Larsen 1958, 1960
		30	C	Borgen 1969
<i>Convolvulus lopezsocasii</i> Svent.		22	L	Bramwell et al. 1972
<i>Convolvulus scoparius</i> L. fil.		30	C	Borgen 1970
		30	C	Febles 1989
<i>Convolvulus siculus</i> L. ssp. <i>siculus</i>		22	L	van Loon 1974
Crassulaceae				
<i>Aeonium arboreum</i> (L.) Webb et Berth.	30		Cult	Skovstedt 1934

Taxon	n	2n	I	Reference
<i>Aeonium balsamiferum</i> Webb et Berth.	36	c.36	Cult	Uhl 1961
		c.72	L	Uhl 1961
		c.72	Cult	Liu 1981
<i>Aeonium canariense</i> (L.) Webb et Berth.	18		T	Uhl 1961
	18		Cult	Uhl 1961
		36	T	Gagnieu et al. 1973
	18		T	Liu 1981
<i>Aeonium castello-paivae</i> Bolle	18		G(2)	Uhl 1961
	18		G	Liu 1981
<i>Aeonium ciliatum</i> (Willd.) Webb et Berth.	18		Cult	Skovstedt 1934
<i>ssp. ciliatum</i>		36	Cult	Uhl 1961
		36	T	Gagnieu et al. 1973
	18		Cult	Liu 1981
<i>ssp. praegeri</i> Bañares		36	Cult	Liu 1981
<i>Aeonium cuneatum</i> Webb et Berth.	18		Cult	Uhl 1961
		36	T	Gagnieu et al. 1973
		36	Cult	Liu 1981
<i>Aeonium decorum</i> Webb ex Bolle	18		G	Uhl 1961
	18		Cult	Uhl 1961
		36	Cult	Liu 1981
<i>Aeonium gomeraense</i> (Praeger) Praeger	18		G	Uhl 1961
	18		Cult	Uhl 1961
		36	G	Liu 1981
<i>Aeonium goochiae</i> (Webb et Berth.) Webb et Berth.	36		Cult	Uhl 1961
		36	P(2)	Liu 1981
<i>Aeonium haworthii</i> (Salm.-Dyke ex Webb et Berth.) Webb et Berth.	36		T	Uhl 1961
	c.36		Cult	Uhl 1961
	36		T	Liu 1981
<i>Aeonium hierrense</i> (Murr.) Pit. et Pr.		36	H	Uhl 1961
	18		H	Liu 1981
<i>Aeonium holochrysum</i> Webb et Berth.		36	H	Uhl 1961
	18	36	T	Uhl 1961
	18		G	Uhl 1961
		50	T	Gagnieu et al. 1973
	18	36	Cult(2)	Liu 1981
	18		Cult	Liu 1981

Taxon	n	2n	I	Reference
<i>Aeonium lancerottense</i> (Praeger) Praeger	18	36	L	Uhl 1961
	18		L	Liu 1981
<i>Aeonium lindleyi</i> Webb et Berth.	18	36	T(2)	Uhl 1961
	18		Cult	Uhl 1961
		36	T	Gagnieu et al. 1973
		36	T	Liu 1981
<i>Aeonium manriqueorum</i> Bolle		c.36	Cult	Uhl 1961
	18		Cult	Liu 1981
	18		Cult	Liu 1981
<i>Aeonium nobile</i> (Praeger) Praeger	18	36	P	Uhl 1961
	18		Cult	Uhl 1961
	18		P	Liu 1981
<i>Aeonium palmense</i> Webb ex Christ		36	H	Uhl 1961
	18		Cult	Liu 1981
	18		Cult	Liu 1981
<i>Aeonium percarneum</i> (Murr.) Pit.	18	36	C	Uhl 1961
		36	C	Michaelis 1964
		36	C	Liu 1981
<i>Aeonium rubrolineatum</i> Svent.		36	G	Uhl 1961
	18		Cult	Liu 1981
		c.72	Cult	Liu 1981
<i>Aeonium saundersii</i> Bolle		36	G	Liu 1981
<i>Aeonium sedifolium</i> (Webb ex Bolle) Pit. et Pr.	18		T	Uhl 1961
	18		P	Uhl 1961
	18		Cult	Uhl 1961
		36	T	Gagnieu et al. 1973
	18		Cult	Liu 1981
		36	T	Liu 1981
<i>Aeonium sedifolium</i> x <i>urbicum</i> (<i>A.</i> x <i>burchardii</i> (Praeger) Praeger)	18		T	Uhl 1961
<i>Aeonium simsii</i> (Sw.) Stearn	18		Cult	Uhl 1961
	36		C	Uhl 1961
		c.54	C	Uhl 1961
		36	C	Dalgaard 1991
	18		C	Liu 1981
<i>Aeonium smithii</i> (Sims) Webb et Berth.	18		T	Uhl 1961
		36	T	Liu 1981
<i>Aeonium smithii</i> x <i>spathulatum</i>				

Taxon	n	2n	I	Reference
var. <i>spathulatum</i> (<i>A. x rowleyi</i> Bramw.)		36	T	Gagnieu et al. 1973
<i>Aeonium spathulatum</i> (Hornem.) Praeger	18		Cult(2)	Uhl 1961
		30	T	Gagnieu et al. 1973
		36	C	Liu 1981
<i>Aeonium subplanum</i> Praeger	18		G	Uhl 1961
	18		G	Liu 1981
<i>Aeonium tabulaeforme</i> (Haw.) Webb et Berth.	18		Cult	Skovstedt 1934
	18		T	Uhl 1961
		36	T	Gagnieu et al. 1973
		36	T	Liu 1981
<i>Aeonium undulatum</i> Webb et Berth.	36,37		Cult	Skovstedt 1934
	36		Cult	Uhl 1961
		c.72	C	Uhl 1961
	36		C	Liu 1981
<i>Aeonium urbicum</i> (Chr. Sm. ex Buch)				
Webb et Berth.	18	36	T(2)	Uhl 1961
	18		Cult	Liu 1981
<i>Aeonium valverdense</i> (Praeger) Praeger		36	H	Liu 1981
<i>Aeonium virgineum</i> Webb ex Christ		36	T	Uhl 1961
	18		C	Liu 1981
<i>Aeonium viscatum</i> Webb ex Bolle	18	36	G(2)	Uhl 1961
	18		Cult	Liu 1981
<i>Aichryson bethencourtianum</i> Bolle	15		Cult	Uhl 1961
<i>Aichryson laxum</i> (Haw.) Bramw.	15		G	Uhl 1961
<i>Aichryson pachycaulon</i> Bolle	32		T	Uhl 1961
	32		P	Uhl 1961
	30+1		P	Uhl 1961
	32		T	Bramwell 1977b
	32		P	Bramwell 1977b
	34		G(2)	Bramwell 1977b
	34		F	Bramwell 1977b
	17,34		C(2)	Bramwell 1977b
<i>Aichryson punctatum</i> (Chr. Sm. ex Buch)				
Webb et Berth.	17		H	Uhl 1961
<i>Aichryson tortuosum</i> (Ait.) Webb et Berth.	15	30	Cult	Skovstedt 1934
	15	30	Cult(2)	Uhl 1961
<i>Greenovia aurea</i> (Chr. Sm. ex Hornem.)				
Webb et Berth.	18		Cult	Uhl 1961
<i>Greenovia diplocycla</i> Webb ex Bolle	18		G	Uhl 1961
		36	H	Uhl 1961

Taxon	n	2n	I	Reference
	18		P	Michaelis 1964
<i>Greenovia dodrentalis</i> (Willd.) Webb et Berth.	18		Cult	Uhl 1961
		36	T	Gagnieu et al. 1973
<i>Monanthes anagensis</i> Praeger		c.72	T	Uhl 1961
<i>Monanthes brachycaulos</i> (Webb in Webb et Berth.) Lowe	18		Cult	Uhl 1961
<i>Monanthes dasyphylla</i> Svent.	18		T	Uhl 1961
<i>Monanthes laxiflora</i> (DC.) Bolle	18		Cult(2)	Uhl 1961
	18		T	Uhl 1961
		36	T	Gagnieu et al. 1973
<i>Monanthes muralis</i> (Webb ex Bolle) Hook. fil.		36	P	Uhl 1961
		36	Cult	Uhl 1961
<i>Monanthes niphophila</i> Svent.	18		T	Uhl 1961
<i>Monanthes pallens</i> (Webb ex Christ) Christ	18		G	Uhl 1961
<i>Monanthes polyphylla</i> Haw.	18		Cult	Uhl 1961
	18		Cult	Uhl 1961
		36	Cult	Uhl 1961
<i>Monanthes silensis</i> (Praeger) Svent.	18		T	Uhl 1961
<i>Monanthes subcrassicaulis</i> (Kuntze) Praeger	18		G	Uhl 1961
Cucurbitaceae				
<i>Bryonia verrucosa</i> Dryand.		20	C	Larsen 1960
		20	Cult	Brabec & Pohlmann 1969a, 1969b
Dipsacaceae				
<i>Pterocephalus dumetorus</i> (Brouss. ex Willd.) Coult.		18	C	Borgen 1969
		18	C	Verlaque 1980
		18	T	Verlaque 1982
<i>Pterocephalus lasiospermus</i> Link ex Buch		18	T	Gagnieu et al. 1973
		18	T	Verlaque 1980
		18	T	Verlaque 1982
<i>Pterocephalus porphyranthus</i> Svent.		18	P	Febles 1989
<i>Pterocephalus virens</i> Berth.		18	T	Verlaque 1980
		18	T	Verlaque 1982
<i>Scabiosa atropurpurea</i> L.		16	T	Larsen 1960
		16	T	Verlaque 1982
Euphorbiaceae				
<i>Euphorbia aphylla</i> Brouss. ex Willd.		20	Cult	Perry 1943
		20	T	Michaelis 1964

Taxon	n	2n	I	Reference
		20	T	Bramwell et al. 1972
<i>Euphorbia aphylla</i> x <i>atropurpurea</i> (<i>E.</i> x <i>pettersonii</i> Svent.)	10		T	Ortega 1980
<i>Euphorbia aphylla</i> x <i>regis-jubae</i> (<i>E.</i> x <i>jubaephylla</i> Svent.)	10		C	Ortega
<i>Euphorbia atropurpurea</i> (Brouss.) Webb et Berth.		20	T	Michaelis 1964
		20	T	Gagnieu et al. 1973
		20	T	Borgen 1974
<i>Euphorbia atropurpurea</i> x <i>regis-jubae</i> (<i>E.</i> x <i>navae</i> Svent.)	10		T	Ortega 1980
<i>Euphorbia berthelotii</i> Bolle	10		G	Ortega & Navarro 1977a
<i>Euphorbia bourgeauana</i> Gay ex Boiss. in DC.		20	T	Bramwell et al. 1974
<i>Euphorbia bravoana</i> Svent.	10		G	Ortega & Navarro 1977b
<i>Euphorbia canariensis</i> L.		60	T	Gagnieu et al. 1973
<i>Euphorbia exigua</i> L.		24	C	Dalgaard 1986
<i>Euphorbia handiensis</i> Burch.		c.100	F	Aldridge & Ortega 1976
<i>Euphorbia lambii</i> Svent.		20	G	Bramwell et al. 1976
<i>Euphorbia paralias</i> L.		16	L	van Loon 1974
<i>Euphorbia peplis</i> L.		16	C	Dalgaard 1986
<i>Euphorbia pubescens</i> Vahl		14	C	Dalgaard 1986
<i>Euphorbia regis-jubae</i> Webb et Berth.		20	Cult	Perry 1943
	10		T	Linder & Lambert 1965
	10		C	Ortega & Navarro 1977b
<i>Euphorbia segetalis</i> L.		16	L	Dalgaard 1986
<i>Euphorbia terracina</i> L.		18	L	Dalgaard 1986
		18,36	L	Dalgaard 1986
<i>Mercurialis annua</i> L.		32	L	van Loon 1974
Fabaceae				
<i>Adenocarpus foliolosus</i> (Ait.) DC.		52	C	Sañudo 1973
		26	C	Bramwell et al. 1976
<i>Adenocarpus viscosus</i> (Willd.) Webb et Berth. var. <i>viscosus</i>		c. 24	T	Larsen 1958, 1960
<i>Anagyris latifolia</i> Brouss. ex Willd.		18	Cult	Larsen 1960
		18	T	Bramwell et al. 1972
		18	T	Gagnieu et al. 1973
<i>Aspalathium bituminosum</i> (L.) Fourr.	10	20	T	Larsen 1960
		20	T	van Loon 1974
<i>Astragalus asterias</i> Stev. ex Ledeb.				

Taxon	n	2n	I	Reference
<i>ssp. polyactinus</i> (Boiss.) Greuter		16	L	Dalgaard 1987
<i>Astragalus hamosus</i> L.		32	L	Borgen 1974
		32	L	Dalgaard 1987
<i>Astragalus mareoticus</i> Delarb.				
var. <i>handiensis</i> Bolle		28	F	Borgen 1974
<i>Chamaecytisus proliferus</i> (L. fil.) Link		48	Cult	Castro 1949
		48	Cult	Borgen 1969
<i>Dorycnium broussonetii</i> (Choisy ex DC.)				
Webb et Berth	14		T	Bramwell et al. 1972
<i>Dorycnium spectabile</i> (Choisy ex DC.)				
Webb et Berth	14		T	Bramwell et al. 1972
<i>Genista benehoavensis</i> (Bolle ex Svent.) Arco		c.48	T	Borgen 1969
<i>Lathyrus angulatus</i> Willd.		14	C	Larsen 1960
<i>Lotus arenarius</i> Brot.		14	T	Bramwell et al. 1972
		14	P	van Loon & Jong 1978
<i>Lotus berthelotii</i> Masf.		28	Cult	Larsen 1955a
		28	Cult	Grant 1965
		28	T	Ortega 1976
<i>Lotus callis-viridis</i> Bramw. et Davis		14	C	Ortega 1976
<i>Lotus campylocladus</i> Webb et Berth.		14	C	Larsen 1956a
	7		T	Larsen 1958, 1960
		14	Cult	Grant 1965
<i>Lotus dumetorum</i> Webb ex Murr.		14	T	Ortega 1976
<i>Lotus emeroides</i> Murr.	7	28	G	Larsen 1958, 1960
		28	Cult	Grant 1965
		28	G	Bramwell et al. 1971
		28	G	Ortega 1976
<i>Lotus genistoides</i> Webb	7		C	Aldridge & Ortega 1976
<i>Lotus glaucus</i> Dryand. in Ait.	7	14	T(3)	Larsen 1958, 1960
		14	Cult	Grant 1965
		14	T	Borgen 1974
		14	C	Ortega 1976
		14	T	Ortega 1976
		28	H	Ortega 1976
		14	T	van Loon & Jong 1978
<i>Lotus glinoides</i> Delarb.		14	Cult	Larsen 1955a
		14	G	Larsen 1960
		14	L	Borgen 1970
		14	L	van Loon 1974
		14	C	Dalgaard 1986

Taxon	n	2n	I	Reference
		14	L	Dalgaard 1986
<i>Lotus hillebrandii</i> Christ		14	P	Bramwell et al. 1972
		14	P	Ortega 1976
<i>Lotus holosericeus</i> Webb et Berth.	7		Cult	Grant & Sidhu 1967
	7		C	Bramwell et al. 1972
		14	C	Ortega 1976
<i>Lotus kunkelii</i> (Esteve) Bramw. et Davis		14	C	Dalgaard 1986
<i>Lotus lancerottensis</i> Webb et Berth.		28	C	Ortega 1976
		14	L	Larsen 1956a
		14	Cult	Grant 1965
		14	LO	Borgen 1970
		14	L	van Loon 1974
		14	L	Ortega 1976
<i>Lotus leptophyllus</i> (Lowe) K. Lars.		14	L	Dalgaard 1987
		28	C	Larsen 1960
		28	C	Ortega 1976
<i>Lotus maculatus</i> Breitf.		28	T	Ortega 1976
<i>Lotus mascaënsis</i> Burch.		28	T	Ortega 1976
<i>Lotus sessilifolius</i> DC.		14	C	Borgen 1969
	14		T	Bramwell et al. 1972
		28	T	van Loon 1974
		28	T	Ortega 1976
<i>Lotus spartioides</i> Webb et Berth.		14	Cult	Grant 1965
		14	C	Ortega 1976
<i>Medicago laciniata</i> (L.) Mill.		16	L(2)	van Loon 1974
<i>Medicago polymorpha</i> L.		14	T	van Loon & Jong 1978
<i>Medicago truncatula</i> Gaertn.		16	T	van Loon & Jong 1978
<i>Melilotus sulcata</i> Desf.		16	L	van Loon 1974
<i>Ononis angustissima</i> Lam.				
<i>ssp. angustissima</i>	c.15		C	Larsen 1958,1960
		32	C	Dalgaard 1991
<i>Ononis diffusa</i> Ten.		30	L	Dalgaard 1991
<i>Ononis laxiflora</i> Desf.		32	L(2)	van Loon 1974
<i>Retama raetam</i> (Forssk.) Webb et Berth.		c.48	Cult	Borgen 1969
<i>Spartocytisus filipes</i> Webb et Berth.		48	T	Ortega 1980
<i>Spartocytisus supranubius</i> (L. fil.) Webb et Berth.		c.48	T	Borgen 1969
<i>Teline canariensis</i> (L.) Webb et Berth.		48	Cult	Santos 1945
		46	Cult	Castro 1949
<i>Teline linifolia</i> (L.) Webb et Berth.				

Taxon	n	2n	I	Reference
<i>ssp. linifolia</i>		48	C	Bramwell et al. 1976
<i>Teline nervosa</i> (Esteve) A. Hans. et Sund.		24	C	Ortega & Navarro 1977a
<i>Teline osyroides</i> (Svent.) Gibbs et Dingw.		24	T	Ortega & Navarro 1977b
<i>Teline stenopetala</i> (Webb et Berth.) Webb et Berth.		48	Cult	Borgen 1974
<i>Trifolium angustifolium</i> L.		16	T	Larsen 1960
		16	T	van Loon 1974
<i>Trifolium arvense</i> L.		14	T	van Loon 1974
<i>Trifolium campestre</i> Schreb.		14	T	van Loon 1974
<i>Trifolium scabrum</i> L.		10	T	Larsen 1960
		16	T	van Loon 1974
<i>Vicia cirrhosa</i> Chr. Sm. ex Webb et Berth.		14	G	Bramwell et al. 1972
	7	14	L	Ortega 1980
		14	H	Dalgaard 1991
<i>Vicia disperma</i> DC.		14	T	van Loon 1974
		14	C	Ortega 1980
<i>Vicia filicaulis</i> Webb et Berth.		14	C	Bramwell et al. 1976
	7	14	C	Ortega 1980
<i>Vicia lutea</i> L. var. <i>lutea</i>		14	C	Ortega 1980
<i>Vicia scandens</i> Murr.	7	14	T	Ortega 1980
Frankeniaceae				
<i>Frankenia laevis</i> L.		20	L	van Loon 1974
Fumariaceae				
<i>Fumaria muralis</i> Sond. ex Koch				
<i>ssp. muralis</i>		48	T	van Loon 1974
<i>Fumaria parviflora</i> Lam.		48	L	van Loon 1974
Geraniaceae				
<i>Erodium botrys</i> (Cav.) Bertol.		40	C	Borgen 1970
<i>Erodium chium</i> (L.) Willd.		40	T(2)	Larsen 1960
	20, 40, 80		T	Larsen 1960
		20	L	van Loon 1974
		40	L	van Loon 1974
		40	T	van Loon 1974
<i>Erodium cicutarium</i> (L.) L'Hér.				
<i>ssp. cicutarium</i>		40	T	Larsen 1960
<i>Erodium malacoides</i> (L.) L'Hér.		40	L	Dalgaard 1987
<i>Geranium canariense</i> Reut.		128	Cult	Jackson in Yeo 1973
<i>Geranium purpureum</i> Vill.		32	C	Larsen 1960

Taxon	n	2n	I	Reference
		32	T	Dalgaard 1986
		32	T	van Loon 1984
Hypericaceae				
<i>Hypericum canariense</i> L.		40	T(2)	Larsen 1962
		40	T	Borgen 1969
	20		T	Gagnieu et al. 1973
var. <i>canariense</i>		40	C	Dalgaard 1986
var. <i>floribundum</i> (Ait.) Bornm.		40	C	Dalgaard 1991
<i>Hypericum coadunatum</i> Chr. Sm. ex Link		18	C	Ortega & Navarro 1977a
<i>Hypericum glandulosum</i> Ait.		18	T	van Loon & Jong 1978
<i>Hypericum grandifolium</i> Choisy		40	T	Larsen 1962
		40	T	Borgen 1969
		40	T	van Loon 1974
<i>Hypericum reflexum</i> L. fil.		18	T	Larsen 1962
		18	T	Borgen 1969
		18	T	van Loon & Jong 1978
Lamiaceae				
<i>Bystropogon canariensis</i> (L.) L'Hér.		42	T(2)	Larsen 1963
		48	T	Gagnieu et al. 1973
<i>Bystropogon origanifolius</i> L'Hér.				
var. <i>origanifolius</i>		42	T	Larsen 1963
<i>Bystropogon plumosus</i> (L. fil.) L'Hér.		48	Cult	Contandriopoulos in La Serna 1984
<i>Cedronella canariensis</i> (L.) Webb et Berth.	10		T	Linder & Lambert 1965
<i>Lavandula buchii</i> Webb		22	T(2)	Larsen 1960
		22	T	Borgen 1969
<i>Lavandula minutolii</i> Bolle		22	C	Borgen 1969
<i>Lavandula multifida</i> L.				
ssp. <i>canariensis</i> (Mill.) Pit. et Pr.		22	P	Larsen 1960
		22	C	Borgen 1970
		22	C	Dalgaard 1986
<i>Lavandula pinnata</i> L. fil.		22	L	van Loon 1974
<i>Marrubium vulgare</i> L.		34	C	Larsen 1960
<i>Nepeta teydea</i> Webb et Berth.	8	16	T	Larsen 1960
	8		T	Linder & Lambert 1965
		16	T	Borgen 1969
<i>Origanum vulgare</i> L.		30	T	Larsen 1960
<i>Salvia aegyptiaca</i> L.		26	L	Dalgaard 1986

Taxon	n	2n	I	Reference
<i>Salvia canariensis</i> L.	11	22	T	Larsen 1960
			T	Linder & Lambert 1965
		22	T	Gagnieu et al. 1973
		22	C	Dalgaard 1986
<i>Satureja benthamii</i> (Webb et Berth.) Briq.		30	C	Larsen 1960
		30	C	Borgen 1960
<i>Satureja helianthemifolia</i> (Webb et Berth.) Briq.		30	C	Borgen 1969
<i>Satureja teneriffae</i> (Poir.) Briq.		30	T	Larsen 1960
		30	T	Borgen 1970
<i>Satureja varia</i> (Benth.) Webb et Berth. ex Briq.				
ssp. <i>rupestris</i> (Webb et Berth.) A. Hans. et Sund.		30	L	van Loon 1974
ssp. <i>varia</i>		30	T(2)	Larsen 1960
		30	T	Borgen 1970
<i>Sideritis barbellata</i> Mend.-Heu. em. Pérez et Negrín		22(44)	Cult	Larsen 1960
		44	P	Marrero 1985
<i>Sideritis brevicaulis</i> Mend.-Heu. em. Pérez et Negrín		36, 38, 40	T	Marrero 1986
<i>Sideritis cretica</i> L.				
ssp. <i>cretica</i>		34	T	Marrero 1985, 1988
ssp. <i>spicata</i> (Pit.) Negrín et Pérez		36	G	Marrero 1988
<i>Sideritis cystosiphon</i> Svent.		44	T	Marrero 1985
<i>Sideritis dasygnaphala</i> (Webb et Berth.) Clos em. Svent.		36	C	Marrero 1985
		36	C	Marrero 1988
<i>Sideritis dendro-chahorra</i> Bolle		38-42	T	Marrero 1985
<i>Sideritis discolor</i> (Webb ex De Noé) Bolle		36	C	Marrero 1985
<i>Sideritis eriocephala</i> Marrero ex Negrín et Pérez		34	T	Marrero 1985
<i>Sideritis ferrensis</i> Pérez et Negrín		44	H	Marrero 1988
<i>Sideritis gomerae</i> De Noé ex Bolle				
ssp. <i>gomerae</i>		44	G	Marrero 1988
ssp. <i>perezii</i> Negrín		44	G	Bramwell et al. 1972
		44	G	Marrero 1988
<i>Sideritis infernalis</i> Bolle		40	T	Marrero 1985
<i>Sideritis kuegleriana</i> Bornm.		42	T	Marrero 1985
<i>Sideritis lotsyi</i> (Pit.) Bornm.		36	G	Marrero 1985

Taxon	n	2n	I	Reference
<i>Sideritis macrostachya</i> Poir.		36	T	Marrero 1985, 1988
<i>Sideritis marmorea</i> Bolle		38, 40	Cult	Marrero 1985
		36, 36+B	G	Marrero 1988
<i>Sideritis nervosa</i> (Christ) Lind.		42	T	Marrero 1985
		42, 42+2B	T	Marrero 1988
<i>Sideritis nutans</i> Svent.		46	G	Fernández Peralta et al. 1980
		44, 46	G	Marrero 1985
<i>Sideritis oroteneriffae</i> Negrín et Pérez				
var. <i>oroteneriffae</i>		40	T	Marrero 1988
<i>Sideritis pumila</i> (Christ) Mend.-Heu.		40	L, F	Marrero 1985
		40, 40+B	F	Marrero 1988
<i>Sideritis soluta</i> Webb ex Clos				
ssp. <i>soluta</i>		36	T	Larsen 1960
		44	T	Marrero 1985
ssp. <i>gueimaris</i> Negrín et Pérez		44	T	Marrero 1985
<i>Sideritis sventenii</i> (Kunk.) Mend.-Heu.		36-38	C	Marrero 1985
		36	C	Marrero 1988
<i>Stachys ocymastrum</i> (L.) Briq.		18	T	Larsen 1960
		18	T	van Loon 1974
Lauraceae				
<i>Persea indica</i> (L.) K. Spreng.		24	T	Gagnieu et al. 1973
Linaceae				
<i>Linum bienne</i> Mill.		30	T	Larsen 1960
<i>Linum strictum</i> L.		18	L	van Loon 1974
Malvaceae				
<i>Lavatera acerifolia</i> Cav.				
var. <i>acerifolia</i>		42	T	Larsen 1960
<i>Lavatera phoenicea</i> Vent.		14	T	Gagnieu et al. 1973
<i>Malva parviflora</i> L.		42	L	van Loon 1974
		42	L	Dalgaard 1986
		42	C	Dalgaard 1986
Myricaceae				
<i>Myrica faya</i> Ait.	8		T	Larsen 1960
Nyctaginaceae				
<i>Commicarpus helenae</i> (J.A. Schult.) Meikle		44	F	Borgen 1974

Taxon	n	2n	I	Reference
Oleaceae				
<i>Jasminum odoratissimum</i> L.	13		T	Larsen 1960
	12	24	T	Gagnieu et al. 1973
Plantaginaceae				
<i>Plantago afra</i> L. var. <i>afra</i>		12	G	Larsen 1960
<i>Plantago coronopus</i> L.	10	20	T(4)	Larsen 1960
	10	20	G(4)	Larsen 1960
		20	L	van Loon 1974
<i>Plantago famarae</i> Svent.		12	L	Febles 1989
<i>Plantago lagopus</i> L.		12	T	Larsen 1960
<i>Plantago ovata</i> Forssk.		8	L	van Loon 1974
<i>Plantago webbii</i> Barn.		12	T	Larsen 1960
		12	T	Michaelis 1964
		12	Cult	Borgen 1974
Plumbaginaceae				
<i>Limonium arborescens</i> (Brouss.) O. Kuntze		14	T	Michaelis 1964
<i>Limonium bourgeau</i> (Webb ex Boiss.) O. Kuntze		14	L	Borgen 1974
	7		L	Ortega & Navarro 1977b
<i>Limonium brassicifolium</i> (Webb et Berth.) O. Kuntze				
ssp. <i>brassicifolium</i>		14	G	Michaelis 1964
		14	G	Borgen 1974
ssp. <i>macropterum</i> (Webb et Berth.) Kunk.		14	H	Larsen 1963
<i>Limonium fruticans</i> (Webb) O. Kuntze		14	Cult	Larsen 1958, 1960
		14	Cult	Borgen 1970
	7		T	Gagnieu et al. 1973
<i>Limonium imbricatum</i> (Webb ex De Girard) Hubb.		14	T	Febles 1989
<i>Limonium macrophyllum</i> (Brouss.) O. Kuntze		14	Cult	Larsen 1958, 1960
		14	Cult	Borgen 1970
<i>Limonium ovalifolium</i> (Poir.) O. Kuntze				
ssp. <i>canariense</i> Pign.		24	LO	Borgen 1970
<i>Limonium papillatum</i> (Webb et Berth.) O. Kuntze				
var. <i>papillatum</i>		12	LO	Borgen 1970
<i>Limonium pectinatum</i> (Ait.) O. Kuntze		12	T	Larsen 1958, 1960
	6		C	Borgen 1969

Taxon	n	2n	I	Reference
	6		T	Gagnieu et al. 1973
<i>Limonium perezii</i> (Stapf) Hubb.		14	Cult	Borgen 1970
<i>Limonium preauxii</i> (Webb et Berth.) O. Kuntze		14	C	Borgen 1969
		14	C	Borgen 1980
<i>Limonium puberulum</i> (Webb) O. Kuntze		14	Cult	Baker in Darlington & Wylie 1955
		14	Cult	Larsen 1958, 1960
		14	L	Michaelis 1964
		14	L	van Loon 1974
<i>Limonium spectabile</i> (Svent.) Kunk. et Sund.		14	T	Michaelis 1964
<i>Limonium sventenii</i> Santos et Fernández		14	C	Febles 1989
<i>Limonium tuberculatum</i> (Boiss.) O. Kuntze		32	C	Michaelis 1964
		32	C	Borgen 1970
Polygonaceae				
<i>Emex spinosa</i> (L.) Campd.		20	T	Dalgaard 1986
<i>Polygonum maritimum</i> L.		20	C	Dalgaard 1986
<i>Rumex bipinnatus</i> L. fil.		20	L	Dalgaard 1986
<i>Rumex bucephalophorus</i> L. ssp. <i>canariensis</i> (Steinh.) Rech. fil.		16	L	van Loon 1974
<i>Rumex lunaria</i> L.		36	Cult	Löve 1943
		36	T	Larsen 1960
	18		T	Larsen 1962
		36	C	Borgen 1969
		36	C	Bramwell et al. 1972
		40	T	Gagnieu et al. 1973
<i>Rumex maderensis</i> Lowe		20	T	Larsen 1962
		20	T	Borgen 1970
		20	T	Gagnieu et al. 1973
<i>Rumex simpliciflorus</i> Murb.		18	L(2)	van Loon 1974
<i>Rumex vesicarius</i> L. var. <i>rhodophysa</i> Ball		18	C	Dalgaard 1986
		18	L	Dalgaard 1986
Primulaceae				
<i>Anagallis arvensis</i> L.		40	L(2)	van Loon 1974
<i>Samolus valerandi</i> L.		24	G	Larsen 1960

Taxon	n	2n	I	Reference
Ranunculaceae				
<i>Ranunculus cortusifolius</i> Willd.		16	T	Langlet 1936
		16	Cult	Larsen 1955b, 1960
	8		T	Linder & Lambert 1965
		16	C	Borgen 1969
		16	T	Gagnieu et al. 1973
		16	T	van Loon 1974
Resedaceae				
<i>Oligomeris linifolia</i> (Vahl) Macbride		30	C	Dalgaard 1986
		30	L	Dalgaard 1986
<i>Reseda lancerotae</i> Webb et Berth. ex Del.		24	Cult	Oksijuk 1935, 1937
		24	Cult	Eigsti 1936
		48	F	Bramwell et al. 1972
		24	F	Borgen 1974
		24	L	van Loon 1974
		24	L	Dalgaard 1986
<i>Reseda luteola</i> L.	12		T	Larsen 1960
	12, 13		C	Linder & Lambert 1965
		26	T	Dalgaard 1986
<i>Reseda scoparia</i> Brouss. ex Willd.		30	G	Larsen 1960
		30	T	Bramwell et al. 1972
		30	T	Gagnieu et al. 1973
Rosaceae				
<i>Bencomia brachystachya</i> Svent. ex Nordb.		28	Cult	Larsen 1962
		28	Cult	Borgen 1969
<i>Bencomia caudata</i> (Ait.) Webb et Berth.		28	Cult	Larsen 1956b
		28	T	Nordborg 1966
		28	T	Borgen 1969
		28	T	Gagnieu et al. 1973
<i>Bencomia exstipulata</i> Svent.		28	T	Larsen 1963
		28	T	Nordborg 1966
<i>Bencomia sphaerocarpa</i> Svent.		14	H	Ortega & Navarro 1977b
<i>Dendriopoterium menendezii</i> Svent.		28	C	Larsen 1956b
		28	C	Nordborg 1966
	14		C	Ortega & Navarro 1977b
<i>Marcetella moquiniana</i> (Webb et Berth.) Svent.		28	Cult	Larsen 1956b
		28	T	Michaelis 1964

Taxon	n	2n	I	Reference
		28	T	Nordborg 1966
		28	T	Borgen 1969
<i>Sanguisorba minor</i> Scop.				
ssp. <i>magnolii</i> (Spach) Briq.		28	T	Larsen 1960
Rubiaceae				
<i>Galium setaceum</i> Lam.		44	C	Dalgaard 1986
<i>Galium spurium</i> L.		20	L	Dalgaard 1986
<i>Galium tricornutum</i> Dandy		44	L	van Loon 1974
<i>Phyllis nobla</i> L.		22	Cult	Fagerlind 1934
		22	T	Larsen 1960
		22	T	Borgen 1970
<i>Plocama pendula</i> Ait.		44	T	Larsen 1958, 1960
<i>Rubia fruticosa</i> Ait.		44	T(2)	Larsen 1960
		44	G	Larsen 1960
		44	C	Borgen 1970
		44	T	Gagnieu et al. 1973
<i>Rubia peregrina</i> L. ssp. <i>agostinhoi</i> (Dans. et Silva) Valdés et López		88	T	Cardona 1984
Rutaceae				
<i>Ruta oreojasme</i> Webb	18		C	Bramwell et al. 1971
Salicaceae				
<i>Salix canariensis</i> Chr. Sm. ex Link		38	T	Borgen 1969
Scrophulariaceae				
<i>Campylanthus salsoloides</i> (L. fil.) Roth		14	G	Larsen 1960
		14	C	Borgen 1970
<i>Cymbalaria muralis</i> G., M. et Sch.		14	T	van Loon 1974
<i>Isoplexis canariensis</i> (L.) Loud.		56	Cult	Haase-Bessell 1932
		56	Cult	Borgen 1969
		16	T	Gagnieu et al. 1973
<i>Isoplexis isabelliana</i> (Webb et Berth.) Masf.		56	Cult	Larsen 1962
<i>Kickxia commutata</i> (Bernh. ex Rchb.) Fritsch ssp. <i>graeca</i> (Bory) R. Fern.		18	T	Larsen 1960
		18	T	van Loon 1974
<i>Kickxia pendula</i> (Kunk.) Kunk.		40	C	Bramwell et al. 1972
<i>Kickxia sagittata</i> (Poir.) Rothm. var. <i>sagittata</i>		18	F	Aldridge & Ortega 1976

Taxon	n	2n	I	Reference
		18	L(2)	Dalgaard 1986
var. <i>urbanii</i> (Pit.) Sund.		18	C(2)	Dalgaard 1986
<i>Kickxia scoparia</i> (Brouss. ex Spreng.) Kunk. et Sund.		18	G	Larsen 1963
		18	C	Borgen 1970
		18	C(2)	Dalgaard 1986
<i>Misopates orontium</i> (L.) Raf. var. <i>orontium</i>		16	G	Larsen 1960
<i>Scrophularia arguta</i> Sol. ex. Ait.	c.30		T	Vaarama & Leikas 1970
		58	T	Grau 1976
		40+0-2B	T	Dalgaard 1979
	20	40	L(2)	Dalgaard 1979
<i>Scrophularia calliantha</i> Webb et Berth.		56	C	Michaelis 1964
		58	Cult	Grau 1976
	29	58	C(4)	Dalgaard 1979
<i>Scrophularia glabrata</i> Ait.		56	T	Larsen 1960
		56	Cult	Vaarama & Hiirsalmi 1967
	28?		P	Vaarama & Leikas 1970
		56	T	Borgen 1974
		56	T(3)	van Loon 1974
		60	T	Gagnieu et al. 1973
	29	58	T(4)	Dalgaard 1979
	29		T(2)	Dalgaard 1979
		58	T	Dalgaard 1979
	29	58	P(2)	Dalgaard 1979
<i>Scrophularia smithii</i> Hornem.	30		T	Vaarama & Leikas 1970
		60	T	Borgen 1974
		58	T(2)	Grau 1976
		58	T	Borgen 1980
ssp. <i>smithii</i>	29	58	T(6)	Dalgaard 1979
ssp. <i>hierrensis</i> Dalg.	29	58	H	Dalgaard 1979
ssp. <i>langeana</i> (Bolle) Dalg.		50-60	T	Gagnieu et al. 1973
	29	58	T(3)	Dalgaard 1979
	29	58	P(2)	Dalgaard 1979
<i>Sutera canariensis</i> (Webb et Berth.) Sund. et Kunk.		28	C	Borgen 1969
Solanaceae				
<i>Hyoscyamus albus</i> L.		68	T	van Loon 1974
<i>Lycium intricatum</i> Boiss.		24	L	Borgen 1970

Taxon	n	2n	I	Reference
<i>Nicotiana glauca</i> Grah.		24	L(2)	van Loon 1974
<i>Nicotiana paniculata</i> L.		24	T	van Loon 1974
<i>Solanum lidii</i> Sund.		24	C	Borgen 1969
<i>Solanum nigrum</i> L.		72	T	van Loon 1974
<i>Solanum vespertilio</i> Ait.		24	T	Borgen 1975
	12		T	Aldridge & Ortega 1976
<i>Withania aristata</i> (Ait.) Pauq.		96	C	Borgen 1969
Urticaceae				
<i>Forsskaolea angustifolia</i> Retz.		22	T	Larsen 1962
		22	L	van Loon 1974
<i>Gesnouinia arborea</i> (L. fil.) Gaud.		20	T	Larsen 1960
		20	T	Gagnieu et al. 1973
<i>Parietaria filamentosa</i> Webb et Berth.		26	T	Larsen 1963
		26	T	Borgen 1974
<i>Parietaria punctata</i> Willd.		26	T	van Loon 1974
Violaceae				
<i>Viola cheiranthifolia</i> Humb. et Bonpl.		c.64	T	Merxmüller & Lippert 1977
<i>Viola odorata</i> L. var. <i>maderensis</i> (Lowe) Webb		20	C	Borgen 1969
Zygophyllaceae				
<i>Fagonia cretica</i> L.		18	C	Borgen 1970
<i>Zygophyllum fontanesii</i> Webb et Berth.		16	C	Borgen 1969
		16	L	van Loon 1974
MAGNOLIOPHYTA				
LILIATAE				
Agavaceae				
<i>Dracaena draco</i> (L.) L.		38	Cult	Bowden 1940
		40	T	Borgen 1969
		40	Cult	Huang et al. 1989
Amaryllidaceae				
<i>Brunsvigia rosea</i> (Lam.) Hannibal		22	C	Larsen 1960
<i>Narzissus tazetta</i> L. var. <i>canariensis</i> (Burb.) Voss		22	Cult	Fernandes 1945

Taxon	n	2n	I	Reference
<i>Pancratium canariense</i> Ker.-Gawl.		22	C	Borgen 1969
		22	T	Bramwell et al. 1971
		22	T	Gagnieu et al. 1973
	11		C	Aldridge & Ortega 1976
		22	C(2)	Dalgaard 1986
Araceae				
<i>Dracunculus canariensis</i> Kunth		28	T	Larsen 1960
		28	C	Borgen 1969
		24	T	Gagnieu et al. 1973
Areaceae				
<i>Phoenix canariensis</i> Chab.	18	36	Cult	Beal 1937
		36	Cult	Satô 1953
		36	C	Borgen 1970
Cyperaceae				
<i>Carex canariensis</i> Kük.		58	C	Dalgaard 1991
<i>Carex otrubae</i> Podp.		58	G	Borgen 1975
<i>Carex paniculata</i> L.				
ssp. <i>calderae</i> (A.Hans.) Lewejoh. et Lobin		c.68	T	Borgen 1980
<i>Cyperus laevigatus</i> L.				
ssp. <i>laevigatus</i>		72	C	Borgen 1974
Dioscoreaceae				
<i>Tamus edulis</i> Lowe		96	C	Borgen 1974
Iridaceae				
<i>Gladiolus italicus</i> Mill.		c.150	C	Borgen 1969
<i>Iris foetidissima</i> L.		40	T	Bramwell et al. 1971
Juncaceae				
<i>Ebingeria elegans</i> (Lowe) Chrtk et Kriza		24	T	Larsen 1960
	3		T	Linder & Lambert 1965
		6	T	Lambert & Giesi 1967
<i>Juncus acutus</i> L.		46	C	Borgen 1969
		46	C	Dalgaard 1986
<i>Luzula canariensis</i> Poir.	6		T	Linder & Lambert 1965
		12	T	Borgen 1970

Taxon	n	2n	I	Reference
Liliaceae				
<i>Allium neapolitanicum</i> Cyr.		28	T	van Loon & Jong 1978
<i>Allium roseum</i> L.	14	28	C	Borgen 1969
		28	G	Borgen 1975
<i>Allium subvillosum</i> Salzm. ex Schultes		28	C	Dalgaard 1991
<i>Androcymbium gramineum</i> (Cav.) Macbride				
ssp. <i>psammophilum</i> (Svent.) Kunk.		18	F	Borgen 1970
		18	F	Bramwell et al. 1971
<i>Androcymbium hierrense</i> Santos		18	H	Ortega 1980
<i>Asparagus arborescens</i> Willd.		20	C	Borgen 1969
		20	C	Ramos Martínez 1989
		20	L	Ramos Martínez 1989
<i>Asparagus asparagoides</i> (L.) W.F. Wight		20	C	Borgen 1969
		20	C	Ramos Martínez 1989
<i>Asparagus fallax</i> Svent.	10		T	Ortega & Navarro 1977a
		20	T	Ramos Martínez 1989
<i>Asparagus nesioties</i> Svent.				
ssp. <i>purpuriensis</i> Marrero et Ramos		60	L	Ramos Martínez 1989
<i>Asparagus pastorianus</i> Webb et Berth.		40	C	Borgen 1969
		40	C	Ramos Martínez 1989
		40	T	Ramos Martínez 1989
		60	F	Ramos Martínez 1989
<i>Asparagus plocamoides</i> Webb ex Svent.		20	C	Borgen 1970
		20	C	Ramos Martínez 1989
<i>Asparagus scoparius</i> Lowe		20	Cult	Bozzini 1959
		20	F	Borgen 1970
	10		C	Bramwell et al. 1976
		20	F	Bramwell et al. 1976
		20	L	Ramos Martínez 1989
		20	C	Ramos Martínez 1989
<i>Asparagus umbellatus</i> Link.				
ssp. <i>umbellatus</i> var. <i>umbellatus</i>		20	Cult	Gardé & Gardé 1953
		20	C	Borgen 1969
		20	T	Borgen 1969
		20	T	Gagnieu et al. 1973
		20	C	Ramos Martínez 1989
		20	P	Ramos Martínez 1989
<i>Asphodelus aestivus</i> Brot.		84	C	Borgen 1969
<i>Asphodelus fistulosus</i> L.		56	C	Borgen 1969
<i>Asphodelus tenuifolius</i> Cav.		28	C	Borgen 1969

Taxon	n	2n	I	Reference
<i>Dipcadi serotinum</i> (L.) Med.		64	C	Borgen 1974
<i>Drimia maritima</i> (L.) Stearn				
var. <i>hesperia</i> (Webb et Berth.)				
A. Hans. et Sund.	40		T(3)	Larsen 1960
	28		T	Bramwell et al. 1972
	40		T	Borgen 1974
<i>Leopoldia comosa</i> (L.) Parl.	18		C	Larsen 1960
	18		C	Borgen 1969
<i>Scilla dasyantha</i> Webb et Berth.	62		F	Borgen 1970
<i>Scilla haemorrhoidalis</i> Webb et Berth.	28		C	Borgen 1969
	32		T	Gagnieu et al. 1973
	28		T	Dalgaard 1986
<i>Scilla latifolia</i> Willd.	28		L	Borgen 1970
	28		T	Bramwell et al. 1972
	28		T	Viera 1982
	28		G	Viera 1982
	28		H	Viera 1982
	28		P	Viera 1982
<i>Semele androgyna</i> (L.) Kunth	40		T	Bramwell et al. 1976
<i>Semele gayae</i> (Webb) Svent. et Kunk.	40		C	Borgen 1969
Orchidaceae				
<i>Gennaria diphylla</i> (Link) Parl.	36		T	Larsen 1960
	36		T	Dalgaard 1991
<i>Habenaria tridactylites</i> Lindl.	42		T(2)	Dalgaard 1991
<i>Neotinea maculata</i> (Desf.) Stearn	40		T	Borgen 1969
Poaceae				
<i>Aegilops</i> cf. <i>ovata</i> L.	28		T	Gagnieu et al. 1973
<i>Aira caryophyllea</i> L.				
ssp. <i>caryophyllea</i>	28		C	Larsen 1960
	28		C	Albers 1973
<i>Aristida adscensionis</i> L.	22		C	Borgen 1969
<i>Avena barbata</i> Pott. ex Link	42		C	Borgen 1974
	14		L(2)	van Loon 1974
<i>Avena canariensis</i> Baum, Rajh. et Samps.	14		L	Baum et al. 1973
	14		F	Baum et al. 1973
	14		L(2)	Dalgaard 1986
<i>Brachypodium arbuscula</i> Knoche	18		G	Larsen 1963
	18		G	Robertson 1981

Taxon	n	2n	I	Reference
<i>Brachypodium sylvaticum</i> (Huds.) PB.	18		T	Larsen 1960
	18		T	Gagnieu et al. 1973
<i>Briza maxima</i> L.	14		T	Bramwell et al. 1971
	14		T	van Loon 1974
<i>Briza media</i> L.	14		T	Bramwell et al. 1971
<i>Briza minor</i> L.	10		T	Larsen 1960
<i>Bromus madritensis</i> L.		28	L(2)	van Loon 1974
ssp. <i>madritensis</i>	28+2B		L	Dalgaard 1986
<i>Cenchrus ciliaris</i> L.	36		L	van Loon 1974
<i>Festuca agustini</i> Lindinger	14		T	Larsen 1963
	14		T	Gagnieu et al. 1973
<i>Hordeum murinum</i> L.	14		L	van Loon 1974
	28		L	van Loon 1974
	28		T	van Loon 1974
<i>Lamarckia aurea</i> (L.) Moench	14		L	van Loon 1974
<i>Lolium parabolicum</i> Senn. ex Samp.	14		L	Dalgaard 1986
<i>Lolium rigidum</i> Gaud.	14		L	van Loon 1974
<i>Lophochloa cristata</i> (L.) Hyl.	14		L	van Loon 1974
<i>Lophochloa pumila</i> (Desf.) Bor	12		L	Dalgaard 1986
<i>Melica</i> cf. <i>teneriffae</i> Hack. ex Christ	18		T(2)	Gagnieu et al. 1973
<i>Pennisetum setaceum</i> (Forssk.) Chiov.		27	C(2)	Borgen 1969
ssp. <i>orientale</i> (Rich.) Maire		27	C(2)	Borgen 1969
<i>Phalaris minor</i> Retz.	28		L	Dalgaard 1986
<i>Stipa capensis</i> Thunb.	18		C	Borgen 1970
<i>Tetrapogon villosus</i> Desf.	20		C	Borgen 1970
<i>Tragus racemosus</i> (L.) All.	40		L	van Loon 1974
<i>Tricholaena teneriffae</i> (L. fil.) Link	36		T	Larsen 1960
	36		C	Borgen 1970

CORRECTIONS

For the taxa listed below, the identification of the material cited in the original publication is proved to be wrong or the material and/or the number is judged as wrong or uncertain and omitted from the present list.

MAGNOLIATAE

Asteraceae

Sonchus pinnatus Ait., 2n = 18, T, Michaelis 1964, is judged as a wrong report as the species is confined to Madeira. The report is omitted from this list.

Pericallis webbii (Sch. Bip.) Bolle, 2n=18, G, Borgen 1975, is *P. stetzii* (Bolle) B. Nord. Voucher (O) is checked (det. P. Sunding).

Brassicaceae

Lobularia maritima (L.) Desv., 2n=22, C, Borgen 1969, is *L. canariensis* (DC.) Borgen ssp. *canariensis*. Voucher (O) is checked (det. L. Borgen).

Lamiaceae

Sideritis cabreræ Ceb. et Ort., 2n=44, Bramwell et al. 1972, is *S. gomerae* De Noé ex Bolle ssp. *perezii* Negrín (cf. Pérez & Negrín 1992).

Sideritis gomerae De Noé ex Bolle, 2n=16, Bramwell et al. 1971, is omitted because it is judged as a mistake (cf. Pérez & Negrín 1992, Marrero Rodriguez 1985, 1988).

Lauraceae

Laurus azorica (Seub.) Franco, n=18, Cult, Bambacioni-Mezzettii 1940 and 2n=36, 48, Cult, Todua (1987) are omitted due to uncertainty of origin of material.

Ocotea foetans (Ait.) Baill., 2n=24, Cult, Borgen 1969, is omitted due to uncertainty of origin of material, even if reported as of unspecified Canarian origin.

LILIATAE

Liliaceae

Asparagus scoparius Lowe, 2n=20, C, Borgen 1969, is *A. umbellatus* Link ssp. *umbellatus* var. *umbellatus*. Voucher (O) is checked (det. B. Valdés).

ACKNOWLEDGEMENTS

The karyosystematic research carried out at the Department of Biology (Botany), University of La Laguna, Tenerife, Canary Islands, Spain, by Dr. La Serna Ramos at the end of the nineteen seventies has encouraged us to update this survey. Also the support provided by Dr. Juan Devesa, University of Badajoz, Spain, has stimulated the resumption of this line of research. Both are gratefully acknowledged.

We also appreciate the generosity of the editor of *Sommerfeltia* for his willingness to publish this checklist.

REFERENCES

- Afzelius, K. 1949. On chromosome numbers in *Senecio* and some allied genera. - *Acta Horti bergiani* 15: 65-67.
- 1967. Chromosome numbers in some *Senecioneae*. - *Svensk bot. Tidskr.* 61: 1-9.
- Albers, F. 1973. Kurze Mitteilung. Zwei Ausgangskaryotypen bei der Gräser-Gattung *Aira L.* - *Öst. Bot. Z.* 121: 251-254.
- 1977. In Á. Löve (ed.), IOPB chromosome number reports LVIII. - *Taxon* 26: 557-565.
 - 1981. In Á. Löve (ed.), Chromosome number reports. - *Taxon* 30: 68-80.
- Aldridge, A.E. & Ortega, J. 1976. Estudios en la Flora de Macaronesia: Algunos números de cromosomas II. - *Bot. macaronesica* 2: 9-18.
- Babcock, E.B. 1947. The genus *Crepis*. Part One and Part Two. - *Univ. Calif. Publs Bot.* 21 - 22: 1-1030.
- & Cameron, D.R. 1934. Chromosomes and Phylogeny in *Crepis*. II. The Relationships of One Hundred Eight Species. - *Univ. Calif. Publs agric. sci.* 6: 287-324.
- Ball, P.W. & Heywood, V.H. 1962. The taxonomic separation of the cytological races of *Kohlruschia prolifera sensu lato*. - *Watsonia* 5: 113-116.
- Bambacioni-Mezzetti, V. 1940. Osservazioni cariologiche in alcune Lauraceae. - *Sci. Genet.* 1: 326-333.
- Baum, B.R., Rajhathy, T. & Sampson, D.R. 1973. An important new diploid *Avena* species discovered on the Canary Islands. - *Can. J. Bot.* 51: 759-762.
- Beal, J.M. 1937. Cytological studies in the genus *Phoenix*. - *Bot. Gaz.* 99: 400-407.
- Bell, C.R. & Constance, L. 1960. Chromosome numbers in Umbelliferae. II. - *Amer. J. Bot.* 47: 24-32.
- Bhattacharyya, D. 1976. Chromosome study in the genus *Chrysanthemum*. - *Proc. indian Sci. Congr. Ass.* 63: 118.
- 1977. Caryomorphological studies in some species of the genus *Chrysanthemum*. - *Sci. Cult.* 43: 431-432.
- Bleier, H. 1930. Experimentell - cytologische Untersuchungen. I. Einfluss abnormaler Temperatur auf die Reduktions-numbers in plants from the Canary Islands. - *Bot. Not.* 124: 376-382.
- Borgen, L. 1969. Chromosome numbers of vascular plants from the Canary Islands, with special reference to the occurrence of polyploidy. - *Nytt Mag. Bot.* 16: 81-121.
- 1970. Chromosome numbers of Macaronesian flowering plants. - *Nytt Mag. Bot.* 17: 145-161.
 - 1974. Chromosome numbers of Macaronesian flowering plants II. - *Norw. J. Bot.* 21: 195-210.
 - 1975. Chromosome numbers of vascular plants from Macaronesia. *Norw. J. Bot.* 22: 71-76.
 - 1977. Check-List of Chromosome Numbers Counted in Macaronesian Vascular Plants. Oslo. (Mimeogr.)
 - 1980. Chromosome numbers of Macaronesian flowering plants. III. - *Bot. macaronesica* 7: 67-76.
 - 1984. Chromosome numbers and fertility relationships in *Lobularia*, *Cruciferae*. A preliminary report. - *Webbia* 38: 645-653.

- 1987. *Lobularia* (Cruciferae). A biosystematic study with special reference to the Macaronesian region. - *Op. bot.* 91: 1-96.
 - , Rustan, Ø.H. & Elven, R. 1979. *Brassica bourgeauii* (Cruciferae) in the Canary Islands. - *Norw. J. Bot.* 26: 255-264.
- Boulos, L. 1960. Cytotaxonomic studies in the genus *Sonchus*. 2. The genus *Sonchus*, a general systematic treatment. - *Bot. Not.* 113: 400-420.
- 1965. *Babcockia*, un nouveau genre de Composees des Iles Canaries. - *Bull. Jard. bot. natn. Belg.* 35: 63-66.
 - 1967a. *Taekholmia*, a new genus of Compositae from the Canary Islands. - *Bot. Not.* 120: 95-108.
 - 1967b. Nomenclatural changes and new taxa in *Sonchus* from the Canary Islands. - *Nytt Mag. Bot.* 14: 7-19.
- Bowden, W.M. 1940. Diploidy, polyploidy, and winter hardiness relationships in the flowering plants. - *Amer. J. Bot.* 27: 357-371.
- 1945. A list of chromosome numbers in higher plants. II. Menispermaceae to Verbenaceae. - *Amer. J. Bot.* 32: 191.
- Bozzini, A. 1959. Revisione cito-sistemática del género *Asparagus* L. I: Le specie di *Asparagus* della flora italiana e chiave analitica per la loro determinazione (con Tavole XV-XVII). - *Caryologia* 12: 199-264.
- Brabec, F. & Pohlmann, J. 1969a. Untersuchung zur Bestimmung der Karyotypen von *Bryonia alba* L., *Bryonia dioica* Jacq. und *Bryonia verrucosa* Ait. - *Biol. Zentbl.* 88: 373.
- 1969b. Untersuchung zur Bestimmung der Karyotypen von *Bryonia alba*, *Bryonia dioica* und *Bryonia verrucosa*. - *Biol. Zentbl.* 88: 715-730.
- Bramwell, D. 1977a. A revision of *Descurainia* Webb & Berth. Section *Sisymbriodendron* (Christ) O.E. Schulz in the Canary Islands. - *Bot. macaronésica* 4: 31-53
- 1977b. The subspecies of *Aichryson pachycaulon* Bolle (Crassulaceae) and their probable origin. - *Bot. macaronésica* 4: 105-111.
 - , Humphries, C.J., Murray, B.G. & Owens, S.J. 1971. Chromosome Numbers in Plants from the Canary Islands. - *Bot. Not.* 124: 376-382.
 - , Humphries, C.J., Murray, B.G. & Owens, S.J. 1972. Chromosome studies in the flora of Macaronesia. - *Bot. Not.* 125: 139-152.
 - , Pérez de Paz, J. & Ortega, J. 1976. Studies in the flora of Macaronesia: Some chromosome numbers of flowering plants. - *Bot. macaronésica* 1: 9-16.
- Britton, D.M. 1951. Cytogenetic studies on the Boraginaceae. - *Brittonia* 7: 233-266.
- Cardona, M.A. 1984. Caryosistématique et différenciation évolutive de quelques *Rubia* méditerranéennes. - *Webbia* 38: 513-529.
- Castro, D. de. 1949. Novos numeros de cromosomas para o genero *Cytisus* L. - *Agron. lusit.* 11: 85-89.
- Cauwet, A.M. 1969. Contribution à l'étude caryosystématique du genre *Bupleurum* L. - *Bull. Soc. bot. Fr.* 116: 19-28.
- 1978. In A. Löve (ed.), IOPB chromosome number reports LXI. - *Taxon* 27, 375-392.
- Chiarugi, A. 1937. Contributo alla cariologia delle Cistaceae. - *Nuovo G. bot. ital. N. S.* 44: 641.
- Constance, L., Chuang, T.-I. & Bell, C.R. 1971. Chromosome numbers in Umbelliferae. IV. - *Amer. J. Bot.* 58: 577-587.
- Dalgaard, V. 1979. Biosystematics of the Macaronesian Species of *Scrophularia*. - *Op. bot.* 51: 1-64.

- 1986. Chromosome studies in flowering plants from Macaronesia. - An. Jardin bot. Madrid 43: 83-111.
 - 1987. In Á. Löve (ed.), Chromosome number reports XCVI. - Taxon 36: 659-66.
 - 1991. Chromosome studies in flowering plants from Macaronesia II. - Willdenowia 20: 139-152.
- Darlington, C.D. & Wylie, A.P. 1955. Chromosome atlas of flowering plants. George Allen & Unwin, London.
- Dowrick, G.J. 1952. The Chromosomes of Chrysanthemum. I. The species. - Heredity, Lond. 6: 365-375.
- Egolf, D.R. 1962. A cytological study of the genus *Viburnum*. - J. Arnold Arb. 43: 132-172.
- Eigsti, O.J. 1936. Cytological studies in the Resedaceae. - Bot. Gaz. 98: 363-369.
- Fagerlind, F. 1934. Beiträge zur Kenntnis der Zytologie der Rubiaceen. - Hereditas 19: 223-232.
- Favarger, C. 1975. In Á. Löve (ed.), IOPB chromosome number reports XLVII. - Taxon 24: 143-146.
- Febles, R. 1984. Análisis cariotípico del género *Carlina* L. (Compositae) en las Islas Canarias. - Bot. macaronésica 12-13: 87-96.
- 1989. Estudios en la Flora Macaronésica: Algunos números de cromosomas. VI. - Bot. macaronésica 17: 57-76.
 - , Fernández-Peralta, A.M. & González-Aguilera, J.J. 1989a. Análisis cariotípico de los géneros *Gonospermum* Less y *Lugoa* DC (Asteraceae-Anthemideae). - Bot. macaronésica 17: 77-92.
 - , Fernández-Peralta, A.M. & González-Aguilera, J.J. 1989b. Análisis cariotípico de las especies endémicas del género *Tanacetum* L. (Anthemideae-Asteraceae). - Bot. macaronésica 18: 59-68.
 - & Ortega, J. 1982. Estudio citogenético del género *Pulicaria* Gaertn. (Compositae-Inulae) en las Islas Canarias. - Bot. macaronésica 10: 41-47.
- Fernandes, R. 1945. Sobre a cariologia de *Narcissus canariensis* (Herb.) Burb. - Bolm Soc. broteriana, ser. 2, 19: 597-605.
- Fernández-Peralta, A.M., González-Aguilera, J.J. & Sañudo, A. 1980. In Löve, Á. (ed.), Chromosome number reports LXVII. - Taxon 29: 347-367.
- Findley, J.N. & McNeill, J. 1974. In Á. Löve (ed.), IOPB chromosome number reports XLV. - Taxon 23: 619-624.
- Fraser-Jenkins, C.R. 1974. The distribution of *Dryopteris aemula* and its discovery in the Canaries and Turkey. - Fern Gaz. 11: 54.
- Fritsch, B. 1973. Karyologische Untersuchungen in der Gattung *Echium* L. - Bot. Not. 126: 450-458.
- Gagnieu, A., Linder R. & Voggenreiter, V. 1973. Caryotypes de la flore insulaire de Tenerife. - Monogr. biol. canar. 4: 126-133.
- Gardé, A. & Gardé, N. Malheiros. 1953. Contribuição para o estudo cariologico de algumas especies de angiospermas I. - Genet. iberica 5: 115-124.
- Gibby, M., Jermy, A.C., Rasbach, H., Rasbach, K., Reichstein, T. & Vida, G. 1977. The fern genus *Dryopteris* in the Canary Islands and Azores and the description of two tetraploids species. - Bot. J. Linn. Soc. 74: 251-277.
- , Widen, C.-J. and Widen, H.K. 1978. Cytogenetic and phytochemical investigations in hybrids of Macaronesian *Dryopteris* (Pteridophyta: Aspidiaceae). - Pl. Syst. Evol. 130: 235-252.

- Gilmer, K. & Kadereit, J.W. 1989. The biology and affinities of *Senecio teneriffae* Schutz Bip., an annual species from the Canary Islands. - Bot. Jahrb. 111: 263-273.
- Goldblatt, P. 1979. Miscellaneous chromosome counts in Angiosperms II. Including new family and generic records. - Ann. Mo. bot. Gdn. 66: 856-861.
- Grant, W.F. 1965. A chromosome atlas and interspecific hybridization index for the genus *Lotus* (Leguminosae). - Can. J. Genet. Cytol. 7: 457-471.
- Grant, W.F. & Sidhu, B.S. 1967. Basic chromosome number, cyanogenetic glucoside variation, and geographic distribution of *Lotus* species. - Can. J. Bot. 45: 639-647.
- Grau, J. 1964. Die Zytotaxonomie der *Myosotis-alpestris*- und der *Myosotis-silvatica*-Gruppe in Europa. - Öst. bot. Z. 111: 561-617.
- 1976. Die Cytologie Südwestmediterraner *Scrophularia*-Arten. - Mitt. Bot. München 12: 609-654.
- Haase-Bessell, G. 1932. *Digitalis*-Studien. IV. - Beih. bot. CentBl. 49, ErgänzBd: 129-155.
- Halvorsen, T. & Borgen, L. 1985. The perennial Macaronesian species of *Bubonium* (Compositae-Inuleae). - Sommerfeltia 3: 1-103.
- Hansen, A. & Sunding, P. 1993. Flora of Macaronesia. Checklist of vascular plants. 4. revised ed. - Sommerfeltia 17: 1-295.
- Harberd, D.J.A. 1972. A contribution to the cytotaxonomy of *Brassica* (Cruciferae) and its allies. - Bot. J. Linn. Soc. 65: 1-24.
- Harling, G. 1951. Embryological studies in the Compositae. Part II. Anthemideae-Chrysantheminae. - Acta Horti Bergiani 16: 1-56.
- Hizume, M. 1988. Karyomorphological studies in the family Pinaceae. - Mem. Fac. Educ. Echime Univ., Ser. 3, Nat. Sci. 8: 1-108.
- Hedberg, O. 1961. Monograph on the genus *Canarina* L. (Campanulaceae). - Svensk bot. Tidskr. 55: 17-62.
- Huang, S.-F., Zhao, Z.-Y., Chen, S.-J. & Huang, X.-X. 1989. Chromosome counts on one hundred species and infraspecific taxa. - Acta bot. austra sin. 5: 161-176.
- Humphries, C.J. 1975. Cytological studies in the Macaronesian genus *Argyranthemum* Webb ex Schultz Bip. (Compositae-Anthemidae). - Bot. Not. 128: 239-255.
- 1976. Evolution and endemism in *Argyranthemum* Webb ex Schultz Bip. (Compositae-Anthemideae). - Bot. macaronésica 1: 25-50.
- Jacobsen, P. 1954. Chromosome numbers in the genus *Hedera*. - Hederitas 40: 252-254.
- Jaretsky, R. 1932. Beziehungen zwischen Chromosomenzahl und Systematik bei den Cruciferen. - Jb. Wiss. Bot. 76: 485-527.
- Kadereit, J.W. 1984. Some notes on annual species of *Senecio* L. (Asteraceae) from northern Africa and the Canary Islands. - Bot. Jahrb. Syst. 104: 509-517.
- Kawatani, T. & Ohno, T. 1964. Chromosome numbers in *Artemisia*. - Bull. natn. Inst. hyg. Sci. 82: 183-193.
- La Serna Ramos, I. 1984. Revisión del género *Bystropogon* L'Hér., nom. cons. (Lamiaceae - Stachyoideae): Endemismo de la Region Macaronésica. - Phanerogamarum Monogr. 18: 1-380.
- Lack, H.W. 1978. Die Gattung *Heywoodiella* Svent. & Bramw. (Asteraceae, Lactuceae). - Willdenowia 8: 329-339.
- Langlet, O.F.I. 1936. Några bidrag till kännedomen om kromosomtalen inom Nymphaeaceae, Ranunculaceae, Polemoniaceae och Compositae. - Svensk bot. Tidskr. 30: 288-294.
- Lambert, A.M. & Giesi, J. 1967. Observations caryologiques sur les *Luzules*. - Inf. a. Caryosyst. Cytogénét. 1: 27-34.

- Larsen, K. 1955a. Cytotaxonomical studies in Lotus II. Somatic chromosomes and chromosome numbers. - Bot. Tidsskr. 52: 8-17.
- 1955b. Cytotaxonomical studies on the Mediterranean flora. - Bot. Not. 108: 263-275.
 - 1956a. Cytotaxonomical studies in Lotus III. Some new chromosome numbers. - Bot. Tidsskr. 53: 49-56.
 - 1956b. Chromosome studies in some Mediterranean and South European flowering plants. - Bot. Not. 109: 293-307.
 - 1958. Preliminary note on the cytology of the endemic Canarian element. - Bot. Tidsskr. 54: 167-169.
 - 1960. Cytological and experimental studies on the flowering plants of the Canary Islands. - Biol. Skr. k. danske Vid. Selsk. 11: 1-60.
 - 1962. Contribution to the cytology of the Canarian endemic element. - Bot. Not. 115: 196-202.
 - 1963. Contribution to the cytology of the endemic Canarian element II. - Bot. Not. 116: 409-424.
- Lepper, L. 1982. Cytologische Untersuchungen in Angiospermen (*Messerschmidia angustifolia* Pit.) - Wiss. Zeitschr. Univ. Jena, Math.-Nat. Rh. 31: 252-253.
- Linder, R. & Lambert, A.M. 1965. Étude caryologique d'endémiques canariennes. - Bull. Soc. bot. France 112: 234-238.
- Litardière, R. de. 1943. Recherches caryologiques et caryo-taxonomiques sur les Boraginacées II. Nombres chromosomiques dans le genre *Echium*. - Boissiera 7: 155-165.
- Liu, Ho-Yih. 1989. Systematics of *Aeonium* (Crassulaceae). - Natn. Mus. nat. Sci. (Taichung, Taiwan) spec. Publ. 3: 1-102.
- Loon, J.C. van. 1974. A cytological investigation of flowering plants from the Canary Islands. - Acta bot. neerl. 23: 113-124.
- 1984. Hybridization experiments in *Geranium*. - Genetica 65: 167-171.
 - & Jong, H. de. 1978. In Á. Löve (ed.), IOPB chromosome number reports LIX. - Taxon 27: 53-61.
- Löve, Á. 1943. *Rumex lunaria* L., a gynodioecious tetraploid species. - Nature 151: 559-560.
- Manton, I. 1932. Introduction to the general cytology of the Cruciferae. - A. Bot. 46: 509-555.
- Marrero Rodríguez, A. 1985. Aportaciones cariológicas del Género *Sideritis* L. (Lamiaceae) en las Islas Canarias. - Bot. macaronésica 14: 35-58.
- 1988. Nuevos datos cariológicos para el género *Sideritis* L. (Lamiaceae) en las Islas Canarias. - Bot. macaronésica 16: 37-52.
- Mathias, M.E. & Constance, L. 1965. A revision of the genus *Bowlesia* Ruíz & Pavon (Umbelliferae - Hydrocotyloideae) and its relatives. - Univ. Calif. Publs Bot. 38: 1-73.
- Mehra, P.N. & Khoshoo, T.N. 1956. Cytology of Conifers. I. - J. Genet. 54: 165-180.
- Merxmüller, H. 1973. Systematic botany - an unachieved synthesis. - Biol. J. Linn. Soc. 4: 311-321.
- & Lippert, W. 1977. Veilchenstudien V-VII. - Mitt. Bot. München 13: 503-534.
- Michaelis, G. 1964. Chromosomenzahlen einiger kanarischer Endemismen. - Planta 62: 194.
- Moreno Cameno, M.A. 1978. Números de cromosomas de especies del género *Tolpis* Adans. en Macaronesia. - Bot. macaronésica 5: 61-65.
- Nardi, E. 1977. Notes on pteridophytes: I. Notes on ferns from the paleomediterranean region. - Webbia 32: 95-100.
- Nordborg, G. 1966. *Sanguisorba*, L., *Sarcopterium* Spach., and *Bencomia* Webb & Berth. Delimitation and subdivision of the Genera. - Op. Bot. 11: 1-103.

- Nyman, Y. 1991. *Campanula occidentalis* (Campanulaceae), a new species from the Canary Islands. - *Willdenowia* 20: 113-116.
- Oksijuk, P. 1935. Zur Cytologie und Embryologie der Resedaceen. (Vorläufige Mitteilung). - *J. Inst. Bot. Acad. Sci. RSS d'Ukraine* 4: 15-18.
- 1937. Vergleichende zytologisch-embryologische Untersuchung der Familie Resedaceae. I. *Reseda* und *Astrocarpus*. - *J. Inst. Bot. Acad. Sci. RSS d'Ukraine* 12: 3-82.
- Ortega, J. 1976. Citogenética del Género *Lotus* en Macaronesia. I. Números de cromosomas. - *Bot. macaronésica* 1: 17-24.
- 1980. Estudios en la Flora de Macaronesia: Algunos números de cromosomas. IV. - *Bot. macaronésica* 7: 43-51.
- & Navarro, B. 1977a. Estudios en la Flora de Macaronesia: Algunos números de cromosomas. III. - *Bot. macaronésica* 3: 73-80.
- & Navarro, B. 1977b. Estudios en la Flora de Macaronesia: Algunos números de Cromosomas. IV. - *Bot. macaronésica* 4: 69-76.
- Page, C.N. 1971. Three pteridophytes new in the Canary Islands. - *Br. Fern Gaz.* 10: 205-208.
- Pederic, L.A. 1967. The structure and identification of the chromosomes of *Pinus radiata* D. Don. - *Silvic. Genet.* 16: 69-77.
- Pérez de Paz, J. 1976. Observaciones sobre la biología y relaciones de *Sventenia bupleuroides* F.Q. - *Bot. macaronésica* 1: 51-65.
- Pérez de Paz, P.L. & Negrín Sosa, L. 1992. Revisión taxonómica de *Sideritis* L. Subgénero *Marrubiastrum* (Moench) Mend.-Heuer (Endemismo Macaronésico). - *Phanerogamarum Monogr.* 20: 1-327.
- Perry, B.A. 1943. Chromosome number and phylogenetic relationships in the Euphorbiaceae. - *Amer. J. Bot.* 30: 527-543.
- Polatschek, A. 1976. Die Gattung *Erysimum* auf den Kapverden, Kanaren und Madeira. - *Annln naturh. Mus. Wien* 80: 93-103.
- 1983. Chromosomenzahlen und hinweise auf Systematik und Verbreitung von Brassicaceae-Arten aus Europa, Nordafrika, Asien und Australien. - *Phyton (Austria)* 23: 127-139.
- Ramos Martínez, A. 1989. Aportaciones al conocimiento cariológico del Género *Asparagus* (Liliaceae) en las Islas Canarias. - *Bot. macaronésica* 18: 3-14.
- Rasbach, H., Rasbach, K. & Schneller, J.J. 1981. A chromosome count for *Asplenium anceps* from the Canary Islands. - *Br. Fern Gaz.* 12: 157-159.
- Reese, G. 1972. Untersuchungen über die Chromosomenzahlen der Stapeliae. II. - *Port. Acta biol. Ser. A.* 12: 1-23.
- & Kressel, H. 1967. Untersuchungen über die Chromosomenzahlen der Stapeliae. - *Port. Acta biol. Ser. A* 10: 33-54.
- Robertson, I.H. 1981. Chromosome numbers in *Brachypodium* Beauv. (Gramineae). - *Genetica* 56: 55-60.
- Roux, J. & Boulos, L. 1972. Révision systematique du genre *Sonchus* L. s. l. II. Etude caryologique. - *Bot. Not.* 125: 306-309.
- Santos, A.C. dos. 1945. Algunas contagens de cromosomas nos generos *Genista* L. & *Cytisus* L. - *Bolm Soc. broteriana, ser. 2*, 19: 519-522.
- Sañudo, A. 1973. Variabilidad cromosómica de las Genisteas de la flora española en relación con su ecología 1. Numero y comportamiento de los cromosomas durante la meiosis. C. Generos *Chroanthus* (DC.) Koch, *Adenocarpus* DC. y *Erinacea* Adanson. - *Lagascalía* 3: 205-210.

- Satô, D. 1953. Karyotype analysis and law of homologous series. - Sci. Pap. Coll. Genet. educ. Univ. Tokyo Biol. 3: 181-192.
- Shimotomai, N. 1937. Über eine triploide Pflanze von *Chrysanthemum*. - Cytologia, Fujii Jub. Vol.: 551-552.
- Skiebe, K. 1956. Artsbastardierung und Polyploidie in der Gattung *Cheiranthus*. - Züchter 26: 353-363.
- Skovstedt, A. 1934. Cytological studies in the tribe Saxifragaceae. - Dansk bot. Ark. 8(5): 1-52.
- Straka, A., Albers, F. & Mondon, A. 1976. Die Stellung und Gliederung der Familie Cneoraceae (Rutales). - Beitr. Biol. Pfl. 52: 267-310.
- Strey, M. 1931. Karyologische Studien an Borraginoideae. - Planta 14: 682-730.
- Sunding, P. 1979. Origins of the Macaronesian Flora. - In D. Bramwell (ed.), Plants and Islands, Academic Press, London, pp. 13-40.
- Tahara, M. 1921. Cytologische Studien an einigen Kompositen. - J. Coll. Sci. imp. Univ. Tokyo 43(7): 1-53.
- Todua, B.T. 1987. Karyology of laurel species and forms. - Dokl. Akad. Nauk SSSR, Ser. Biol. 3: 445-452.
- Uhl, C.H. 1961. The chromosomes of the Sempervivoideae (Crassulaceae). - Amer. J. Bot. 48: 114-123.
- Vaarama, A. & Hiirsalmi, H. 1967. Chromosome studies in some Old World species of the genus *Scrophularia*. - Hereditas 58: 333-358.
- & Leikas, R. 1970. In Á. Löve (ed.), IOPB chromosome number reports XXVI. - Taxon 19: 264-269.
- Verlaque, R. 1980. In Á. Löve (ed.), Chromosome number reports LXVII. - Taxon 29: 347-367.
- 1982. In Á. Löve (ed.), IOPB chromosome number reports LXXVII. - Taxon 31: 761-777.
- Vida, G. von, Page, C.N., Walker, T.G. & Reichstein, T. 1970. Cytologie der Fern Gattung *Cheilanthes* in Europa und auf den Kanarischen Inseln. - Bauhinia 4: 223-253.
- Viera, M.A. 1982. Estudios cariológicos de diversas poblaciones de *Scilla latifolia* Willd. en las Islas Canarias. - Bot. macaronésica 10: 33-39.
- Wanscher, J.H. 1932. Studies on the chromosome numbers of the Umbelliferae. - Bot. Tidsskr. 42: 49-58.
- Widén, C.J., Faden, R.B., Lounasma, M., Vida, G., Euw, J. & Reichstein, T. 1973. Die Phloroglucide von neuen Dryopteris-Arten aus Kenya sowie der *D. oligodonta* (Desv.) Pic. Serm. und *D. "dilatata"* von den Canarischen Inseln. - Helv. chim. Acta 56: 2125-2151.
- Wulff, M.D. 1936. Die Polysomatie der Chenopodiaceen. - Planta 26: 275-290.
- Yeo, P.F. 1973. The biology and systematics of *Geranium* sections *Anemonifolia* Knuth and *Ruberta* Dum. - Bot. J. Linn. Soc. 67: 285-346.

INDEX TO GENERA

Achyranthes	8	Cakile	21
Adenocarpus	31	Calendula	13
Aegilops	46	Campanula	23
Aeonium	26	Camphylanthus	41
Aichryson	29	Canarina	23
Aira	46	Caralluma	9
Allagopappus	10	Cardamine	21
Allium	45	Carduus	13
Amaranthus	8	Carex	44
Ammodaucus	8	Carlina	13
Anacyclus	10	Ceballosia	20
Anagallis	39	Cedronella	35
Anagyris	31	Cenchrus	47
Androcymbium	45	Centaurea	13
Andryala	10	Cerastium	24
Apium	8	Ceropegia	10
Arenaria	24	Chamaecytisus	32
Argyranthemum	10	Cheilanthes	7
Aristida	46	Cheirolophus	13
Artemisia	12	Chenopodium	25
Aspalathium	31	Chrysanthemum	13
Asparagus	45, 48	Cistus	26
Asphodelus	45	Commicarpus	37
Asplenium	7	Convolvulus	26
Astragalus	31	Conyza	14
Astydamia	8	Crambe	21
Atalanthus	12	Crepis	14
Aractylis	13	Crithmum	9
Atriplex	25	Cymbalaria	41
Avena	46	Cynara	14
Babcockia	13	Cynoglossum	20
Bencomia	40	Cyperus	44
Bidens	13	Dendriopoterium	40
Bosea	8	Descurainia	21
Brachypodium	46	Dicheranthus	24
Brassica	21	Dipcadi	46
Briza	47	Dittrichia	14
Bromus	47	Dorycnium	32
Brunsvigia	43	Dracaena	43
Bryonia	30	Dracunculus	44
Bupleurum	9	Drimia	46
Bystropogon	35	Drusa	9

Dryopteris	7	Lamarckia	47
Ebingeria	44	Lathyrus	32
Echium	20	Launaea	15
Einadia	25	Laurus	48
Emex	39	Lavandula	35
Erigeron	14	Lavatera	37
Erodium	34	Leontodon	15
Erucastrum	22	Leopoldia	46
Erysimum	22	Limonium	38
Euphorbia	30	Linum	37
Fagonia	43	Lobularia	22, 48
Ferula	9	Lolium	47
Festuca	47	Lophochloa	47
Filago	14	Lotus	32
Forsskaolea	43	Lugoa	15
Frankenia	34	Luzula	44
Fumaria	34	Lycium	42
Galactites	14	Malva	37
Galinsoga	14	Marcetella	40
Galium	41	Marrubium	35
Genista	32	Matthiola	23
Gennaria	46	Medicago	33
Geranium	34	Melica	47
Gesnouinia	43	Melilotus	33
Gladiolus	44	Mercurialis	31
Gnaphalium	14	Mesembryanthemum	8
Gonospermum	14	Minuartia	24
Greenovia	29	Misopates	42
Habenaria	46	Monanthes	30
Hedera	9	Moricandia	23
Hedypnois	14	Myosotis	21
Helianthemum	26	Myrica	37
Helichrysum	15	Narzissus	43
Hordeum	47	Nauplius	15
Hymenolobus	22	Neochamaelea	26
Hyoscyamus	42	Neotinea	46
Hyoseris	15	Nepeta	35
Hypericum	35	Nicotiana	43
Hypochoeris	15	Notoceras	23
Ifloga	15	Ocotea	48
Iris	44	Oligomeris	40
Isoplexis	41	Ononis	33
Jasminum	38	Onopordon	16
Juncus	44	Origanum	35
Kickxia	41	Pancreatium	44
Kleinia	15	Patellifolia	25
Lactuca	15	Parietaria	43

Parolinia	23	Sonchus	17, 48
Paronychia	24	Spartocytisus	33
Pennisetum	47	Spergularia	25
Pericallis	16, 48	Stachys	37
Periploca	10	Stipa	47
Persea	37	Sutera	42
Petrorhagia	24	Sventenia	18
Phagnalon	16	Tamus	44
Phalaris	47	Tanacetum	18
Phoenix	44	Taraxacum	19
Phyllis	41	Teline	33
Pimpinella	9	Tetrapogon	47
Pinus	8	Tinguarra	9
Plantago	38	Todaroa	9
Plocama	41	Tolpis	19
Polycarpaea	24	Torilis	9
Polygonum	39	Tragopogon	19
Polypodium	7	Tragus	47
Prenanthes	17	Tricholaena	47
Pterocephalus	30	Trifolium	34
Pulicaria	17	Viburnum	24
Ranunculus	40	Vicia	34
Raphanus	23	Vieria	19
Reichardia	17	Viola	43
Reseda	40	Volutaria	19
Retama	33	Wahlenbergia	24
Rubia	41	Withania	43
Rumex	39	Zygophyllum	43
Ruta	41		
Salix	41		
Salvia	35		
Samolus	39		
Sanguisorba	41		
Satureja	36		
Scabiosa	30		
Schizogyne	17		
Scilla	46		
Scrophularia	42		
Selaginella	7		
Semele	46		
Senecio	17		
Seseli	9		
Sideritis	36,48		
Silene	25		
Silybum	17		
Sisymbrium	23		
Solanum	43		

SOMMERFELTIA AND SOMMERFELTIA SUPPLEMENT

Vol. 1. A. Hansen & P. Sunding: Flora of Macaronesia. Checklist of vascular plants. 3. revised edition. 167 pp. NOK 140. (Jan. 1985; out of stock).

Vol. 2. R.H. Økland & E. Bendiksen: The vegetation of the forest-alpine transition in Gruningsdalen, S. Norway. 224 pp. NOK 170. (Nov. 1985).

Vol. 3. T. Halvorsen & L. Borgen: The perennial Macaronesian species of *Bubonium* (Compositae-Inuleae). 103 pp. NOK 90. (Feb. 1986).

Vol. 4. H.B. Gjørum & P. Sunding: Flora of Macaronesia. Checklist of rust fungi (Uredinales). 42 pp. NOK 50. (Dec. 1986).

Vol. 5. J. Middelborg & J. Mattsson: Crustaceous lichenized species of the Caliciales in Norway. 71 pp. NOK 70. (May 1987).

Vol. 6. L.N. Derrick, A.C. Jermy & A.C. Paul: Checklist of European Pteridophytes. xx + 94 pp. NOK 95. (Jun. 1987).

Vol. 7. L. Malme: Distribution of bryophytes on Fuerteventura and Lanzarote, the Canary Islands. 54 pp. NOK 60. (Mar. 1988).

Vol. 8. R.H. Økland: A phytoecological study of the mire Northern Kisselbergmosen, SE. Norway. I. Introduction, flora, vegetation, and ecological conditions. 172 pp. NOK 140. (Oct. 1989).

Vol. 9. G. Mathiassen: Some corticolous and lignicolous Pyrenomycetes s. lat. (Ascomycetes) on *Salix* in Troms, N Norway. 100 pp. NOK 85. (Oct. 1989).

Vol. 10. T. Økland: Vegetational and ecological monitoring of boreal forests in Norway. I. Rausjømarka in Akershus county, SE Norway. 52 pp. NOK 55. (June 1990).

Vol. 11. R.H. Økland (ed.): Evolution in higher plants: patterns and processes. Papers and posters presented on a symposium arranged on occasion of the 175th anniversary of the Botanical Garden in Oslo, June 5-8, 1989. 183 pp. NOK 150. (Dec. 1990).

Vol. 12. O. Eilertsen: Vegetation patterns and structuring processes in coastal shell-beds at Akerøya, Hvaler, SE Norway. 90 pp. NOK 85. (June 1991).

Vol. 13. G. Gulden & E.W. Hanssen: Distribution and ecology of stipitate hydneous fungi in Norway, with special reference to the question of decline. 58 pp. NOK 110. (Feb. 1992).

Vol. 14. T. Tønsberg: The sorediate and isidiate, corticolous, crustose lichens in Norway. 300 pp. NOK 330. (May 1992).

Vol. 15. J. Holtan-Hartwig: The lichen genus *Peltigera*, exclusive of the *P. canina* group, in Norway. 77 pp. NOK 90. (March 1993).

Vol. 16. R.H. Økland & O. Eilertsen: Vegetation-environment relationships of boreal coniferous forests in the Solhomfjell area, Gjerstad, S Norway. 254 pp. NOK 170. (March 1993).

Vol. 17. A. Hansen & P. Sunding: Flora of Macaronesia. Checklist of vascular plants. 4. revised edition. 295 pp. NOK 250. (May 1993).

Vol. 18. J.F. Ardévol González, L. Borgen, & P.L. Pérez de Paz: Checklist of chromosome numbers counted in Canarian vascular plants. 59 pp. NOK 80. (Sept. 1993).

Supplement Vol. 1. R.H. Økland: Vegetation ecology: theory, methods and applications with reference to Fennoscandia. 233 pp. NOK 180. (Mar. 1990).

Supplement Vol. 2. R.H. Økland: Studies in SE Fennoscandian mires, with special regard to the use of multivariate techniques and the scaling of ecological gradients. (Dissertation summary). 22 pp. NOK 35. (Dec. 1990).

Supplement Vol. 3. G. Hestmark: To sex, or not to sex... Structures and strategies of reproduction in the family Umbilicariaceae (Lecanorales, Ascomycetes). (Dissertation summary). 47 pp. NOK 55. (Dec. 1991).

Supplement Vol. 4. C. Brochmann: Polyploid evolution in arctic-alpine *Draba* (Brassicaceae). 37 pp. NOK 60. (Nov. 1992).

