

The urban vascular flora of Palermo (Sicily, Italy)

Domina Giannantonio¹, Di Gristina Emilio¹, Scafidi Filippo¹, Roberta Calvo^{1*}, Venturella Giuseppe¹, Gargano M. Letizia¹

¹Department of Agricultural, Food and Forest Sciences (SAAF), University of Palermo, Viale delle Scienze, Bldg. 5, I-90128 Palermo, Italy.

*Corresponding author Roberta Calvo roberta.calvo@unipa.it

Abstract

This paper presents a comprehensive inventory of the urban vascular flora of the town of Palermo. The data were gathered from extensive field collections, from specimens kept in different herbaria, and publications of the last 30 years. The floristic catalogue includes all the vascular plants that occur spontaneously within the urban area. Thirteen taxa are endemic to Sicily and one of these, *Clinopodium raimondoi*, is exclusive to Palermo's area. The inventory comprises 1,052 taxa belonging to 119 families and 225 genera, and contains 170 taxa non-native to the Italian flora.

Keywords: Mediterranean Basin, nature conservation, plant invasion, species inventories, urban biodiversity.

Introduction

The study of urban floras is of particular interest from many points of view. From the taxonomic one, many new taxa have been described in urban or suburban contexts. Examples are the Italian endemics *Centaurea macroacantha* Guss. described from Palermo, *Hieracium tolstooi* Fen. & Zahn from Milano, *Stellaria media* subsp. *romana* Bég. from Roma (Peruzzi et al. 2015). From the historic point of view it is possible to compare the evolution of the landscape and land use with floristic data (Müller et al. 2013). Wild plants in man-made environments are of interest from the standpoint of human health due to allergies, dangers of toxicity. etc. (D'Amato et al. 2007).

Furthermore, urban areas are often precious reservoirs of biodiversity hosting species of high biogeographical value not found elsewhere (MacGregor-Fors et al. 2016). Moreover, since cities are major centres for the introduction and expansion of non-native species, these data sets provide a rich source of information on biological invasion and habitat homogenization (Banfi and Galasso 1998; Salinitro et al. 2018). For all these reasons, the study of urban flora in recent years has aroused great interest. In the Mediterranean Area examples can be given from Spain (Gavilan et al. 1993; Dana et al. 2002; Garcillán et al. 2014), Dalmatia (Milović and Mitić 2012), Montenegro (Stešević et al. 2009), Greece (Krigas and Kokkini 2002; Pateli et al. 2002; Chronopoulos and Christodoulakis 2003) and Turkey (Yarci et al. 2007; Altay et al. 2010). To these we can add comparisons between different European cities (La Sorte et al. 2014; Kalusová et al. 2019). But the country with the highest number of studies is Italy. In this county urban floras have been investigated since the beginning of floristic research. In the 19th century, several floristic reports from Italian cities were published (Celesti-Grapow et al. 1996). Over the past few years, to the awareness that urban vascular flora has a great landscape and cultural value has been also highlighted its value as an important tool for investigating the biological quality of the urban ecosystem (Verona et al. 2004). Consequently, a growing interest in floristic analyses in urban environments arose. Several examples from Italian cities include Ancona (Hruska 1988), Catania

(Poli Marchese et al. 1989), Pavia (Pavan Arcidiacono et al. 1990), Verona (Bianchini and Curti 1992), Torino (Siniscalco and Montacchini 1993-94), Milano (Banfi and Galasso 1998), Pescara (Pirone and Ferretti 1999), Rovigo (Benetti and Tornadore 2000), Cremona (Bonali 2000), Napoli (De Natale and La Valva 2000), Chieti (Leporatti et al. 2001), Lecce (Mele et al. 2002), Messina (Interdonato et al. 2003), Udine (Verona et al. 2004; Martini 2005), Trieste (Martini 2006), Ravenna (Lazzari et al. 2013), and Roma (Celesti-Grapow et al. 2013). Preserving biodiversity and natural urban environments is an important goal since urban areas host more than half of the world's human population (Celesti-Grapow et al. 2013). The first step toward reaching this goal is to complete updated surveys documenting the plants growing in cities in order to create the data sources necessary for planning effective management strategies. In addition, it is essential to collect samples in the field, literature data and herbarium records. The review of the herbarium samples is useful to verify the distribution in a territory of each taxon and can also highlight the presence of species not yet reported allowing the verification of their existence in nature (Venturella et al. 2012; Mandracchia et al. 2017). Besides, the revision of the samples kept in a herbarium allow to update maps of distribution of the species, as recently reported by Gargano et al. (2018).

Sicily is the largest island in the Mediterranean basin with an exceptionally long history of human impact and a long tradition of botanical research. Despite progress made in recent years, exhaustive inventories of urban floras in Sicily are still poor and further researches are required to better understand urban plant diversity. Palermo is the main city of the administrative region and has a multi-millennial human history, so it is an ideal case study for urban flora. Currently, the urban flora of Palermo was not complete. Historical data is available from Bivona (1806, 1807), Presl (1826), Parlatore (1839), Gussone (1827–1834, 1842–1844), Lojacono (1888–1909), Cannarella (1909–1912), Di Martino and Perrone (1962) and Celesti-Grapow et al. (1996). In addition, several recent contributions focused on single species (Scafidi et al. 2016a, 2016b, 2016c; Scafidi and Raimondo 2017, 2018) were collected within the boundaries of the city. The aim of this study is an inventory of the current flora belonging to the urban area of Palermo and to provide an overview of its composition and species diversity.

The study area

Palermo is located on the Tyrrhenian coast of Sicily on a plane of about 100 km², the so-named “Conca d’Oro” (latitude 38°06’56.37”N, longitude 13°21’40.54”E), which is delimited by the Gulf of Palermo and the Carbonate Mountains (Mounts of Palermo). Palermo falls within the “Northern coast” subunit as identified by Domina et al. (2018) and within the “Sicilia” eco-regional section, “Western Sicilia” subsection as defined by Blasi et al. (2014, 2018).

The area of the city of Palermo has been inhabited since prehistoric times. In its territory there have been at least 12 dominations. The first substantial urban development occurred in the Punic-Roman era. Further development of the city came under Arab rule. The Arabs from the 3rd century BC bounded the city with walls that contained it on a surface of about 2 Km² until the 18th century (Chirco 1992). Outside the walls there were crops and orchards that served to supply the city.

The Kemonia and Papireto rivers that crossed the historical centre of the city were buried during the seventeenth century. Since the 18th Century, under the Spanish domination, the expansion towards the north of the city was done by the noble families that built new villas and transformed pre-existing agricultural houses into summer holiday residences, thus stimulating the creation of new hamlets inhabited by the employed workers. At the beginning of the twentieth century the further development of the city towards the north in the fishing village of Mondello, was due to the rich bourgeoisie. The northern part of the city was built on land used for orchards, citrus and vine cultivation. The Valdesi-Mondello village built on a large swampy reclaimed area

The main development of the city was carried out in the 40 years after the end of the Second World War during which the built area of the city increased from 600 to 7000 hectares (Chirco 1992). Even the coastline has been advanced of about 200 meters, dumping the debris from the buildings destroyed by the bombing of 1943 into the sea.

The settlement of the city is almost flat with a difference in elevation from the sea level to 100 m a.s.l. at the slopes of the mountains of Palermo and an average gradient of 1.7%. In the town of Palermo actually there are no surface watercourses. The Oreto River defines the eastern limit of the study area; the last 2 kilometres of his bed have been rectified and paved at the end of the XIX century (Contino et al. 2010). The population of Palermo is about 674,000 (Istat 2018). According to Bazan et al. (2015), the bioclimate of Palermo is Mediterranean pluvisessional oceanic with Lower thermomediterranean thermotype and Upper semiarid ombrotype. The climate is characterized by minimum temperatures that rarely fall below 0 °C during winter and quite frequent summer maximum temperatures between 38 and 40 °C. The daily temperature range during winter fluctuates between 5 and 6 °C. There is high air humidity (68.9 % on average) both in winter and in summer thanks to the sea breezes (Alaimo et al. 1992). These subtropical conditions allow the cultivation and naturalization of several species native to the tropics. The most common type of soil is the Red Mediterranean evolving on carbonate lithosoils (Raimondo et al. 1990). The area considered in this study extends over 63.5 km² and includes the city centre and the suburban ex-agricultural areas, from the Oreto River (not included) to the township of Sferacavallo, including the Park of Favorita in the Mount Pellegrino Natural Reserve. The mountains surrounding Palermo, Mount Pellegrino and Mount Gallo were not taken into consideration (Fig. 1).

Material and methods

This study consisted of collecting plants from 2010 until 2018. The spontaneous vascular flora was recorded, including both naturalized and casual aliens. We excluded taxa that grow exclusively as garden escapees in sites that are strongly affected by human cultivation practices (e.g., public gardens and the Botanical Garden of Palermo), or on constantly irrigated plant nurseries and flowerbeds. Additionally, individuals that only occurred close to their parental plant and those that did not grow beyond the seedling stage were excluded. As for introduced species, we used the standardized system on a nationwide scale provided by Galasso et al. (2018). For taxon identification we primarily referred to the keys included in Flora d'Italia (Pignatti 1982; 2017-2019) and Flora Europaea (Tutin et al. 1964–1980, 1993). The nomenclature of taxa follows the checklists of Bartolucci et al. (2018) and Galasso et al. (2018) and their updates (Bartolucci et al. 2018a, 2018b; Galasso et al. 2018a, 2018b). In order to obtain an overall view of the current flora, we only took into account botanical records or publications from the last 30 years. Crucial information was also gathered from the wealth of botanical records found in herbaria collections, particularly in the *Herbarium Mediterraneum Panormitanum* (PAL) where new specimens are kept. For each taxon, its reference (bibliographic reference, Herbarium with exsiccata or "Obs." for new observations), biological form, chorological type, and growth environment (e.g., trees, walls, interstices, flowerbeds, open fields, rocks, marshes, sands) were recorded and are reported in this survey. Historical records not confirmed are presented and commented separately.

Results and Comments

General results

Currently, the flora of the metropolitan area of Palermo (Appendix 1) includes 1,052 taxa from 119 families and 225 genera. The greatest numbers of specific and subspecific taxa fall in the families Poaceae (142 taxa), Asteraceae (118), Fabaceae (114), Brassicaceae (42), Caryophyllaceae (33),

Euphorbiaceae (21), and Solanaceae (20). The most represented genera are: *Trifolium* L., *Euphorbia* L., *Medicago* L., *Lathyrus* L., *Orobancha* L., *Silene* L., *Vicia* L., *Lotus* L., and *Amaranthus* L. (Table 1).

The analysis of biological spectrum showed the prevalence of therophytes (46.10 %) and hemicryptophytes (23.00 %). Geophytes (11.00 %) and phanerophytes (10.08 %) were also well represented, while chamaephytes (5.89 %), nano-phanerophytes (2.85 %), hydrophytes (0.86 %), and helophytes (0.19 %) were of less importance (Figure 2). The analysis of biological forms provides useful information on the actual environmental characteristics of the city. The prevalence of therophytes and hemicryptophytes is linked to the long period of aridity that characterises this territory and to the intense anthropogenic disturbance on the area. Hydrophytes and helophytes are concentrated in temporary wetlands due to the water losses along the water pipelines. Regarding the chorological analysis, the Mediterranean type is prevalent (42.87 %). Taxa with large distribution are quite abundant (20.72 %), while the percentage of endemics is 2.28 % (Figure 3). A comparison with the chorological spectrum of the whole flora of Sicily (Raimondo and Spadaro 2011) shows that in urban environment the percentage of Mediterranean (including Endemics) is similar (45.34 % in Palermo vs 46.86% in Sicily), Cosmopolitans are higher (20.72 vs 12.55 %), Southern taxa are slightly higher (9.41 vs 8.55 %), taxa with Eastern and Western chorotype are slightly lower, Boreal taxa are lower (5.04 vs 8.58%). This composition can be justified by the dominance of human made environments that favour generalist species with large distribution.

The increase of temperature associated with the heat island effect in Mediterranean cities does not seem to lead to selection for a thermophilous flora. In the Mediterranean environment where arid microclimate conditions in cities are similar to those of less anthropogenic environments.

This agrees with the observations done in Milano (Banfi and Galasso 1998) and in some northern European cities (Godefroid 2001) where the increase of temperature associated with the heat island effect does not seem to lead to selection for a thermophilous flora.

Origin of data

All the 1,052 recoded taxa have been personally observed during this study. Of these 192 were already known in literature. For 345 taxa were traced herbarium specimens. The 558 taxa not recoded in herbaria or in literature are not new for this area but only subsampled. The attention of researchers is mainly focused on endemics, rare or new naturalized taxa; limited interest is generally given to the common species of roadsides and nitrified areas.

Endemics

The most significant endemics are: *Centaurea panormitana* Lojac., *C. tyrrhena* C. Brullo, Brullo & Giusso, *Helichrysum pendulum* (C. Presl) C. Presl, *Limonium bocconeii* (Lojac.) Litard., and *Ophrys panormitana* (Tod.) Soó. *Clinopodium raimondoi* Spadaro, Faqi & Mazzola is known as endemic exclusively in Palermo's area (Spadaro et al. 2015; Tuttolomondo et al. 2017b), but is also expected to occur in other territories of Sicily. If compared with the Sicilian western Tyrrhenian coast, the city of Palermo show an overall reduced numeric plant population and biogeographical (Domina et al. 2018b). This is particularly evident if we consider the quota for endemic species. The percentage of endemic and subendemic species is 3.61 %, significantly lower than the regional one (15.44 %, Raimondo and Spadaro 2011). The limited presence of these species is related to intense human activities and to the near lack within the study area of rocky environments that act as refuges for many endemic species.

Aliens

The urban flora is significantly enriched with alien species. There are 170 taxa that are non-native to Italy (the 16% of the whole urban flora), 16 of which are considered archaeophytes and the remaining 153, neophytes. About the origins (Fig. 4) one half comes from Americana (49.71%), follow the africans (20.12%) and asiatic (17.16%) the remaining are Australians (6.51%); originated in cultivation or hybrids (5.33%), and European (1.18%). The alien species are mainly found in interstices, flowerbeds, and open fields. The constant increase of new spontaneous exotics species within the territory that has occurred in recent times is explained by increased commercial plant exchange by nurseries and private parties (Mandracchia et al. 2017). The high percentage of aliens, often with a large distribution, should be related with the extension man-made environments, that, deprived of their natural cover, are subject to the invasion of generalist species. Some species as *Pennisetum setaceum* or *Ailanthus altissima* have become real scourges, creating serious problems for artifacts and residual natural vegetation.

Flora and land use changes

In the last 100 years, substantial changes have been recorded in the floral spectrum of the investigated area. The main change comes from the reclamation of the Valdesi-Mondello area and its tourist exploitation. This has led to the disappearance of species that grow in wetlands and instead abound in the collections of herbaria. The cementing of the coasts and their exploitation for tourist and residential purposes has caused the disappearance of the sandy coastal dunes and the flora associated with them. On the contrary, typical species of cultivated habitats, although occupying considerably smaller areas than in the past, are still found in the north-western part of the city, which is the one that has preserved the main traits of semi-naturality (Tuttolomondo et al. 2017a).

In Table 2 are presented 28 taxa not found anymore in the study area. These are species associated with sandy shores, wet areas and agricultural practices. The area of Mondello-Valdesi to the north of the city is the one that underwent major transformations, being transformed from a fishing village surrounded by marshes in a sought holiday district. This led to the disappearance of the species of marshes and sand dunes such as: *Alopecurus bulbosus*, *Cachrys sicula*, *Callitriche brutia*, *C. truncata*, *Echium arenarium*, *Ipomoea sagittata*, etc. To the south the transformation of the mouth of the Oreto river, a delta marshland surrounded by vegetable gardens, up to the eighteenth century, into a straight artificial canal has also determined the disappearance of the species linked to the water bodies and to humid places such as *Cyperus longus* and *Potamogeton pusillus*. In the suburban areas that surround the city the agricultural surface has been considerably reduced and fragmented, the cultivation practices have changed, the working animals are not used anymore, the water troughs have disappeared and the surface waters have been drained. In this way it has been determined the disappearance of some species linked to these environments such as *Humulus lupulus*.

Comparison with other urban floras

Due to the differences between the methodologies adopted by other authors and the size of the investigated cities, it is not appropriate to make detailed quantitative floristic comparisons with other Italian or European cities.

However, some generic considerations can be made. The life spectrum of Palermo is similar to that one of Istanbul (Yarci et al. 2007). The main differences are in Phanerophytes that are more abundant in Istanbul (32.78 % vs 10.08 %) and Therophytes that are more abundant in Palermo (46.10 % vs

26,11). This can be due to the larger number of green areas with semi-natural vegetation occurring in Istanbul.

Stešević et al. (2009) presented a comparison between the urban floras of Podgorica in Montenegro, Rome in Italy, Patras and Salonika in Greece.

Regarding the quota of alien species, the proportion of this group in Central European cities varies between 20 to 60 % (Pyšek 1998), in Istanbul is 21.67 % (Yarci et al. 2007), while in Palermo correspond to 16.06 %. This ratio is little higher in comparison with Sicily (13.55 %, Galasso et al. 2018) and with the floras of Rome (13.83 %, Celesti-Grapow et al. 2013) and the region Latium (13.66 %, Galasso et al. 2018). In each of these cases there are increases in the percentage of alien species in the metropolitan region relative to the percentage throughout the whole region. This observation is justified by the features of the Mediterranean environment where arid microclimate conditions in cities are similar to those of less anthropogenic environments.

The alien flora of Palermo has some similarities with that of Patras, that is a coastal city with similar latitude (Stešević et al. 2009). The two floras have similar percentages of African and American taxa but Palermo has a lower incidence of European and Horticultural taxa (6% vs 14% in Patras) and of Asiatic taxa (17% vs 21%) and a higher incidence of Australian taxa (6% vs 1%)

Acknowledgements

We thanks prof. Francesco M. Raimondo for his valuables suggestions and encouragements in study setting and development. Research performed thanks to the MIUR FFABR funding 2017 awarded to Prof. G. Domina and the support by the International Foundation pro Herbario Mediterraneo.

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Appendix List of the present-day vascular flora of Palermo.

Family	Taxon	Trees	Walls	Interstices	Flowerbeds	Fields	Rocks	Marshes	Sands	Biological	Chorology	Alien/ Native
Fabaceae	<i>Acacia saligna</i> (Labill.) H.L. Wendl.				1	1			1	P scap	Australia	a
Acanthaceae	<i>Acanthus mollis</i> L. subsp. <i>mollis</i>	1	1	1	1	1				H scap	W-Stenomedit.	n
Asteraceae	<i>Achillea ligustica</i> All.					1				H scap	W-Stenomedit.	n
Amaranthaceae	<i>Achyranthes sicula</i> (L.) All.			1	1	1				Ch suffr	SW-Medit.-Mont.	n
Amaryllidaceae	<i>Acis autumnalis</i> (L.) Sweet					1				G bulb	Stenomedit.	n
Adiantaceae	<i>Adiantum capillus-veneris</i> L.		1				1			G rhiz	Pantrop.	n
Ranunculaceae	<i>Adonis annua</i> L. subsp. <i>annua</i>				1	1				T scap	Eurimedit.-Subatl.	n
Ranunculaceae	<i>Adonis microcarpa</i> DC. subsp. <i>microcarpa</i>				1	1				T scap	S-Stenomedit.	n
Poaceae	<i>Aeluropus litoralis</i> (Gouan) Parl. subsp. <i>litoralis</i>					1			1	G rhiz	Eurimedit.-Turán.	n
Craszuliaceae	<i>Aeonium arborescens</i> (L.) Webb & Berthel.		1				1			NP	Canarie	n
Agavaceae	<i>Agave americana</i> L. subsp. <i>americana</i>	1		1	1	1				P caesp	C-America	a
Agavaceae	<i>Agave salmiana</i> subsp. <i>ferox</i> (K.Koch) Hochstätter	1		1	1	1				P caesp	C-America	a
Agavaceae	<i>Agave sisalana</i> Engelm.			1	1	1				P caesp	C-America	a
Rosaceae	<i>Agrimonia eupatoria</i> L. subsp. <i>eupatoria</i>					1				H scap	Subcosmop.	n
Caryophyllaceae	<i>Agrostemma githago</i> L. subsp. <i>githago</i>					1				T scap	Europ.-Caucas.	n
Poaceae	<i>Agrostis stolonifera</i> L. subsp. <i>stolonifera</i>				1	1				H rept	Subendem.	n
Simaroubaceae	<i>Ailanthus altissima</i> (Mill.) Swingle			1	1	1				P scap	E-Asia	a
Poaceae	<i>Aira caryophyllaea</i> L.				1	1				T scap	Subtrop.	n
Poaceae	<i>Aira cupaniana</i> Guss.				1	1				T scap	W-Stenomedit.	n
Poaceae	<i>Aira elegantissima</i> Schur. subsp. <i>elegantissima</i>				1	1				T scap	Eurimedit.	n
Poaceae	<i>Aira intermedia</i> Guss.				1	1				T scap	Stenomedit.	n
Lamiaceae	<i>Ajuga chamaepitys</i> subsp. <i>suffrutescens</i> (Willk.) Greuter & Burdet					1				T scap	Eurimedit.	n
Lamiaceae	<i>Ajuga chamaepitys</i> (L.) Schreb. subsp. <i>chamaepitys</i>					1				T scap	Eurimedit.	n
Lamiaceae	<i>Ajuga chamaepitys</i> subsp. <i>chia</i> (Schreb.) Arcang.					1				T scap	Eurimedit.	n
Lamiaceae	<i>Ajuga iva</i> (L.) Schreb. subsp. <i>iva</i>					1				Ch suffr	Stenomedit.	n
Fabaceae	<i>Albizia julibrissin</i> Duraz.			1	1	1				P scap	Asia	a
Malvaceae	<i>Alcea rosea</i> L.					1				H scap	Horticle	a
Alismataceae	<i>Alisma lanceolatum</i> With.							1		I rad	Subcosmop.	n
Liliaceae	<i>Allium longispathum</i> Redouté					1				G bulb	Stenomedit.	n
Liliaceae	<i>Allium nigrum</i> L.	1			1	1				G bulb	Stenomedit.	n
Liliaceae	<i>Allium obtusiflorum</i> DC.					1				G bulb	Subendem.	n
Liliaceae	<i>Allium pallens</i> L.					1				G bulb	Stenomedit.	n
Liliaceae	<i>Allium polyanthum</i> Schult. & Schult.f.					1				G bulb	SE Europ.	n
Liliaceae	<i>Allium sphaerocephalon</i> L. subsp. <i>sphaerocephalon</i>					1				G bulb	Palaetemp.	n
Liliaceae	<i>Allium sphaerocephalon</i> subsp. <i>arvense</i> (Guss.) Arcang.					1				G bulb	Palaetemp.	n
Liliaceae	<i>Allium trifoliatum</i> Cirillo					1				G bulb	E-Stenomedit.	n
Liliaceae	<i>Allium triquetrum</i> L.			1	1	1				G bulb	W-Stenomedit.	n
Sinopteridaceae	<i>Alliopus acrosticus</i> (Balb.) Christenh.						1			H ros	Stenomedit.-Turán.	n
Sinopteridaceae	<i>Alliopus pteridioides</i> (Reichard) Christenh.		1				1			H ros	W-Medit.-Macarones.	n
Aloaceae	<i>Aloe xcaesia</i> Salm-Dyck					1				P caesp	Hybrid	a
Aloaceae	<i>Aloe arborescens</i> Mill.					1				P caesp	S Africa	a
Aloaceae	<i>Aloe maculata</i> All.					1				NP	S Africa	a
Amaranthaceae	<i>Alternanthera tenella</i> Colla				1					T caesp	America	a
Amaranthaceae	<i>Amaranthus albus</i> L.				1					T scap	America	a
Amaranthaceae	<i>Amaranthus blitum</i> L. subsp. <i>blitum</i>				1	1				T scap	Cosmopol.	a
Amaranthaceae	<i>Amaranthus deflexus</i> L.				1	1				T scap	S Amer.	a
Amaranthaceae	<i>Amaranthus graecizans</i> subsp. <i>sylvestris</i> (Vill.) Brenan				1	1				T scap	Palaesubtrop.	n

Amaranthaceae	<i>Amaranthus hybridus</i> L. subsp. <i>hybridus</i>					1	1					T scap	N-Amer.	a
Amaranthaceae	<i>Amaranthus hybridus</i> subsp. <i>caudatus</i> (L.) Iamonico & Galasso					1	1					T scap	S Amer.	a
Amaranthaceae	<i>Amaranthus hybridus</i> subsp. <i>cruentus</i> (L.) Thell.					1	1					T scap	America Trop. e Subtrop.	a
Amaranthaceae	<i>Amaranthus mucinatus</i> (Moq.) Hieron.					1	1					H scap	America	a
Amaranthaceae	<i>Amaranthus retroflexus</i> L.					1	1					T scap	America Trop.	a
Amaranthaceae	<i>Amaranthus viridis</i> L.					1	1					T scap	S Amer.	a
Araceae	<i>Ambrosia bassii</i> L.							1				G rhiz	W-Stenomedit.	n
Apiaceae	<i>Ammi majus</i> L.								1			T scap	Eurimedit.	n
Poaceae	<i>Ampelodesmos mauritanicus</i> (Poir.) T. Durand & Schinz									1		H caesp	SW-Stenomedit.	n
Orchidaceae	<i>Anacamptis langicornu</i> (Poir.) R.M.Bateman, Pridgeon & M.W.Chase										1	G bulb	W-Stenomedit.	n
Orchidaceae	<i>Anacamptis pyramidalis</i> (L.) Rich.											G bulb	Eurimedit.	n
Asteraceae	<i>Anacyclus clavatus</i> (Desf.) Pers.											T scap	Stenomedit.	n
Fabaceae	<i>Anagyris foetida</i> L.											P caesp	S-Stenomedit.	n
Boraginaceae	<i>Anchusa azurea</i> Mill.											H scap	Eurimedit.	n
Boraginaceae	<i>Anchusella cretica</i> (Mill.) Bigazzi, E. Nardi & Selvi											T scap	NE-Stenomedit.	n
Poaceae	<i>Andropogon distachyos</i> L.	1	1	1	1	1	1					H caesp	Paleotrop.	n
Asteraceae	<i>Andryala integrifolia</i> L.											T scap	Medit.-Occ.	n
Poaceae	<i>Anisantha diandra</i> (Roth) Tzvelev										1	T scap	Eurimedit.	n
Poaceae	<i>Anisantha fasciculata</i> (C. Presl) Nevski subsp. <i>fasciculata</i>											T scap	S-Stenomedit.	n
Poaceae	<i>Anisantha madritensis</i> (L.) Nevski subsp. <i>madritensis</i>											T scap	Eurimedit.	n
Poaceae	<i>Anisantha rigida</i> (Roth) Hyl.	1	1	1	1	1	1					T scap	Subtrop.	n
Poaceae	<i>Anisantha rubens</i> (L.) Nevski											T scap	S-Stenomedit.	n
Poaceae	<i>Anisantha sterilis</i> (L.) Nevski											T scap	Eurimedit.	n
Poaceae	<i>Anisantha tectorum</i> (L.) Nevski	1	1	1	1	1	1					T scap	Paleotemp.	n
Hemionitidaceae	<i>Anogramma leptophylla</i> (L.) Link											T caesp	Cosmopol. Subtrop.	n
Basellaceae	<i>Anredara cordifolia</i> (Ten.) Steenis											G rhiz	America Subtrop.	a
Asteraceae	<i>Anthemis arvensis</i> L. subsp. <i>arvensis</i>											T scap	Stenomedit.	n
Asteraceae	<i>Anthemis arvensis</i> L. subsp. <i>incrassata</i> (Loisel.) Nyman											T scap	Medit.	n
Asteraceae	<i>Anthemis chia</i> L.											T scap	E-Medit.-Mont.	n
Asteraceae	<i>Anthemis secundiramea</i> Biv.										1	T scap	S-Stenomedit.	n
Poaceae	<i>Anthoxanthum gracile</i> Biv.											T scap	E-Stenomedit.	n
Poaceae	<i>Anthoxanthum odoratum</i> L.	1	1	1	1	1	1					H caesp	Eurasiat.	n
Apiaceae	<i>Anthriscus nemorosa</i> (M.Bieb.) Spreng.											H scap	S-Europ.-Sudsib.	n
Fabaceae	<i>Anthyllus vulnerari</i> subsp. <i>maura</i> (Beck) Maire											H scap	SW-Stenomedit.	n
Scrophulariaceae	<i>Antirrhinum majus</i> L. subsp. <i>majus</i>	1	1	1	1	1	1					Ch frut	W-Stenomedit.	n
Scrophulariaceae	<i>Antirrhinum siculum</i> Mill.											Ch frut	Endem.	n
Brassicaceae	<i>Arabisidopsis thaliana</i> (L.) Heynh.											T scap	Paleotemp.	n
Brassicaceae	<i>Arabis collina</i> subsp. <i>rosea</i> (DC.) Minuto											H scap	Subendem.	n
Brassicaceae	<i>Arabis collina</i> Ten. subsp. <i>collina</i>											H scap	Medit.-Mont.	n
Brassicaceae	<i>Arabis verna</i> (L.) R. Br.											T scap	Stenomedit.	n
Asclepiadaceae	<i>Araujia senifera</i> Brot.											P lian	S Amer.	a
Caryophyllaceae	<i>Arenaria leptoclados</i> (Rechb.) Guss subsp. <i>leptoclados</i>											T scap	Paleotemp.	n
Caryophyllaceae	<i>Arenaria serpyllifolia</i> L. subsp. <i>serpyllifolia</i>	1				1	1	1				T scap	Subcosmopol.	n
Araceae	<i>Arisarum vulgare</i> O.Targ. Tozz. subsp. <i>vulgare</i>											G rhiz	Stenomedit.	n
Poaceae	<i>Arrhenatherum elatius</i> subsp. <i>bulbosum</i> (Willd.) Schübl. & G.Martens											H caesp	Paleotemp.	n
Asteraceae	<i>Artemisia annua</i> L.											T scap	Eurasiat.	n
Asteraceae	<i>Artemisia arborescens</i> (Vaill.) L.										1	NP	S-Stenomedit.	n
Araceae	<i>Arum italicum</i> Mill. subsp. <i>italicum</i>	1										G rhiz	Stenomedit.	n

Poaceae	<i>Arundo donax</i> L.										1		G rhiz	Subcosmopol.	a	
Poaceae	<i>Arundo plinii</i> Turra											1	G rhiz	Stenomedit.	n	
Asclepiadaceae	<i>Asclepias curassavica</i> L.											1	P caesp	America Trop.	a	
Asclepiadaceae	<i>Asclepias fruticosa</i> L.												P caesp	Africa	a	
Asclepiadaceae	<i>Asclepias physocarpa</i> (E. Mey.) Schltr.												P caesp	S Africa	a	
Asparagaceae	<i>Asparagus acutifolius</i> L.												NP	Stenomedit.	n	
Asparagaceae	<i>Asparagus aethiopicus</i> L.	1				1	1	1					G rhiz	S Africa	a	
Asparagaceae	<i>Asparagus albus</i> L.												NP	W-Stenomedit.	n	
Asparagaceae	<i>Asparagus asparagoides</i> (L.) Druce	1				1	1	1					P lian	S Africa	a	
Asparagaceae	<i>Asparagus setaceus</i> (Kunth) Jessop	1				1	1	1					G rhiz	S-Stenomedit.	n	
Rubiaceae	<i>Asperula arvensis</i> L.												T scap	Eurimedit.	n	
Rubiaceae	<i>Asperula laevigata</i> L.												H scap	W-Stenomedit.	n	
Asphodelaceae	<i>Asphodeline lutea</i> (L.) Rechb.												G rhiz	E-Eurimedit.	n	
Asphodelaceae	<i>Asphodelus fistulosus</i> L.												H scap	Paleosubtrop.	n	
Asphodelaceae	<i>Asphodelus tenuifolius</i> Cav.												H bienne	Paleosubtrop.	n	
Asplenaceae	<i>Asplenium ceterach</i> L. subsp. <i>ceterach</i>												H ros	Euras.-Temper.	n	
Asplenaceae	<i>Asplenium onopteris</i> L.												H ros	Subtrop. nesicola	n	
Asplenaceae	<i>Asplenium petrarchoe</i> (Guérin) DC. subsp. <i>petrarchoe</i>												H ros	W-Stenomedit.	n	
Asplenaceae	<i>Asplenium trichomanes</i> subsp. <i>inexpectans</i> Lovis	1											H ros	Circumbor.	n	
Fabaceae	<i>Astragalus boeoticus</i> L.												T scap	S-Stenomedit.	n	
Fabaceae	<i>Astragalus epiglottis</i> L. subsp. <i>epiglottis</i>												T scap	S-Stenomedit.	n	
Fabaceae	<i>Astragalus hamosus</i> L.												T scap	Eurimedit.-Turani.	n	
Fabaceae	<i>Astragalus pelecinus</i> (L.) Barneby subsp. <i>pelecinus</i>												T scap	Stenomedit.	n	
Fabaceae	<i>Astragalus sesameus</i> L.												T scap	Stenomedit.	n	
Apiaceae	<i>Athamanta sicula</i> L.												H scap	SW-Stenomedit.	n	
Asteraceae	<i>Atractylis cancellata</i> L.												T scap	S-Stenomedit.	n	
Chenopodiaceae	<i>Atriplex patula</i> L.												T scap	Circumbor.	n	
Chenopodiaceae	<i>Atriplex raspa</i> L.												T scap	C-Asia-Eurimedit.	a	
Cactaceae	<i>Austrocylindropuntia subulata</i> (Muehlenpf.) Backeb.												P succ	S Amer.	a	
Poaceae	<i>Avena barbata</i> Link												T scap	Eurimedit.	n	
Poaceae	<i>Avena fatua</i> L. subsp. <i>fatua</i>												T scap	Eurasiat.	n	
Poaceae	<i>Avena sterilis</i> L.	1	1	1	1	1	1	1					T scap	Eurimedit.	n	
Poaceae	<i>Avena sterilis</i> L. subsp. <i>sterilis</i>	1	1	1	1	1	1	1					T scap	Eurimedit.	n	
Poaceae	<i>Avena sterilis</i> subsp. <i>atherantha</i> (C.Presl) H.Scholz												T scap	Eurimedit.	n	
Poaceae	<i>Avena sterilis</i> subsp. <i>ludoviciana</i> (Durieu) Gillet & Magne												T scap	Eurimedit.	n	
Lamiaceae	<i>Ballota hispanica</i> (L.) Benth.												H scap	Eurimedit.	n	
Lamiaceae	<i>Ballota nigra</i> subsp. <i>uncinata</i> (Fiori & Bég.) Patzak												H scap	Eurimedit.	n	
Orchidaceae	<i>Ballardia robertiana</i> (Loisel.) Greuter												G bulb	Stenomedit.	n	
Scrophulariaceae	<i>Ballardia trixago</i> (L.) All.												T scap	Eurimedit.	n	
Scrophulariaceae	<i>Ballardia viscosa</i> (L.) Fisch. & C.A.Mey.												T scap	Eurimedit.-Subati.	n	
Liliaceae	<i>Bellevalia dubia</i> (Guss.) Rechb.												G bulb	Endem. Sic.	n	
Liliaceae	<i>Bellevalia romana</i> (L.) Sweet												G bulb	C-Eurimedit.	n	
Asteraceae	<i>Bellis annua</i> L. subsp. <i>annua</i>												T scap	Stenomedit.	n	
Asteraceae	<i>Bellis margaritifolia</i> Huter, Porta & Rigo												H ros	Endem.	n	
Asteraceae	<i>Bellis perennis</i> L. var. <i>perennis</i>												H ros	Europ.-Caucas.	n	
Asteraceae	<i>Bellis sylvestris</i> Cirillo												H ros	Stenomedit.	n	
Chenopodiaceae	<i>Beta vulgaris</i> subsp. <i>maritima</i> (L.) Arcang.												1	H scap	Eurimedit.	n
Chenopodiaceae	<i>Beta vulgaris</i> L. subsp. <i>vulgaris</i>													H scap	Eurimedit.	n

Asteraceae	<i>Bidens bipinnata</i> L.			1	1	1						T scap	N-Amer.	a
Asteraceae	<i>Bidens frondosa</i> L.			1	1	1						T scap	N-Amer.	a
Asteraceae	<i>Bidens pilosa</i> L.			1	1	1						T scap	Subcosmop.	a
Asteraceae	<i>Bidens tripartita</i> L. subsp. <i>tripartita</i>			1	1	1						T scap	Eurasiat.	n
Apiaceae	<i>Bifora testiculata</i> (L.) Spreng.			1	1	1						T scap	Stenomedit.	n
Brassicaceae	<i>Biscutella maritima</i> Ten.				1	1						T scap	Endem.	n
Fabaceae	<i>Bituminaria bituminosa</i> (L.) C.H.Stirt.			1	1	1						H caesp	Eurimedit.	n
Gentianaceae	<i>Blackstonia acuminata</i> (W.D.J.Koch & Ziz) Domin subsp. <i>acuminata</i>					1						T scap	Eurimedit.	n
Gentianaceae	<i>Blackstonia perfoliata</i> (L.) Huds. subsp. <i>perfoliata</i>			1								T scap	Eurimedit.	n
Gentianaceae	<i>Blackstonia perfoliata</i> subsp. <i>intermedia</i> (Ten.) Zeltner					1						T scap	Eurimedit.	n
Nyctaginaceae	<i>Boerhavia coccinea</i> Mill.			1	1	1						T scap	Africa, Asia	a
Boraginaceae	<i>Borago officinalis</i> L.					1	1					T scap	Eurimedit.	n
Poaceae	<i>Bathriochloa insculpta</i> subsp. <i>panormitana</i> (Pari.) Giardina & Raimondo						1					H caesp	Subendem.	n
Sterculiaceae	<i>Brachychiton discolor</i> F.Muell.					1						P scap	Australia	a
Sterculiaceae	<i>Brachychiton diversifolius</i> R.Br. subsp. <i>diversifolius</i>					1						P scap	Australia	a
Sterculiaceae	<i>Brachychiton populneus</i> (Schott & Endl.) R. Br.					1	1					P scap	E Australia	a
Poaceae	<i>Brachypodium distachyon</i> (L.) P. Beauv.						1	1				T scap	Stenomedit.	n
Poaceae	<i>Brachypodium phoenicoides</i> (L.) Roem. & Schult.							1	1			H caesp	W-Stenomedit.	n
Poaceae	<i>Brachypodium pinnatum</i> (L.) P. Beauv.								1			H caesp	Eurasiat.	n
Poaceae	<i>Brachypodium retusum</i> (Pers.) P. Beauv.								1			H caesp	Eurasiat.	n
Poaceae	<i>Brachypodium sylvaticum</i> (Huds.) P. Beauv.								1			H caesp	Palaetemp.	n
Brassicaceae	<i>Brassica fruticulosa</i> Ciniilo subsp. <i>fruticulosa</i>			1	1	1	1					H scap	W-Stenomedit.	n
Brassicaceae	<i>Brassica nigra</i> (L.) W.D.J. Koch											T scap	Eurimedit.	n
Brassicaceae	<i>Brassica oleracea</i> L.											Ch suffr	C Medit	a
Brassicaceae	<i>Brassica rapa</i> subsp. <i>campestris</i> (L.) A.R. Clapham											T scap	Medit.	a
Brassicaceae	<i>Brassica rupestris</i> Raf. subsp. <i>rupestris</i>									1		Ch suffr	Endem.	n
Poaceae	<i>Brija maxima</i> L.						1	1				T scap	Subtrop.	n
Poaceae	<i>Brija minor</i> L.						1	1				T scap	Subcosmop.	n
Poaceae	<i>Bromopsis benekenii</i> (Lange) Holub											H caesp	Eurasiat.	n
Poaceae	<i>Bromopsis ramosa</i> (Huds.) Holub subsp. <i>ramosa</i>											H caesp	Eurasiat.	n
Poaceae	<i>Bromus alopecurus</i> Polr. subsp. <i>alopecurus</i>											T scap	Stenomedit.	n
Poaceae	<i>Bromus hordeaceus</i> L. subsp. <i>hordeaceus</i>											T scap	Subcosmop.	n
Poaceae	<i>Bromus lanceolatus</i> Roth											T scap	Palaetemp.	n
Poaceae	<i>Bromus racemosus</i> L. subsp. <i>racemosus</i>											T scap	Europ.-Caucas.	n
Poaceae	<i>Bromus scoparius</i> L.			1			1	1				T scap	Stenomedit.	n
Moraceae	<i>Broussonetia papyrifera</i> (L.) Vent.											P caesp	Asia	a
Verbenaceae	<i>Buddleja madagascariensis</i> Lam.											P caesp	Madagascar	a
Apiaceae	<i>Bupleurum lanifolium</i> Hornem.											T scap	Eurimedit.-Turan.	n
Brassicaceae	<i>Cakile maritima</i> Scop. subsp. <i>maritima</i>										1	T scap	Eurosb.	n
Poaceae	<i>Calamagrostis arenaria</i> subsp. <i>arundinacea</i> (Husn.) Banfi, Galasso & Bartolucci											G rhiz	Eurimedit.	n
Asteraceae	<i>Calendula arvensis</i> (Vahl) L.											T scap	SW-Stenomedit.	n
Asteraceae	<i>Calendula stellata</i> Cav.											T scap	CE-Medit.	n
Campanulaceae	<i>Campanula trachelium</i> L.			1	1	1	1	1				T scap	Stenomedit.	n
Capparidaceae	<i>Capparis spinosa</i> L. subsp. <i>rupestris</i> (Sm.) Nyman					1						NP	Stenomedit.	n
Brassicaceae	<i>Capsella bursa-pastoris</i> (L.) Medik. subsp. <i>bursa-pastoris</i>						1	1	1			H bienne	Eurimedit.	n
Brassicaceae	<i>Capsella rubella</i> Reut.											T scap	S Amer.	a
Brassicaceae	<i>Cardamine flexuosa</i> With.									1		H scap	N-Medit.-Mont.	n
Brassicaceae	<i>Cardamine hirsuta</i> L.			1	1	1	1	1	1			T scap	Cosmopol.	n

Sapindaceae	<i>Cardiospermum grandiflorum</i> Sw.			1									P lian	America Trop.	a
Sapindaceae	<i>Cardiospermum halicacabum</i> L.					1	1						P lian	NE-Medit.-Mont.	n
Asteraceae	<i>Carduus argyrea</i> Biv.												T scap	Endem.	n
Asteraceae	<i>Carduus pycnocephalus</i> L. subsp. <i>pycnocephalus</i>					1	1						H bienne	Eurimedit.-Turan.	n
Cyperaceae	<i>Carex acutiformis</i> Ehrh.										1		G rhiz	Eurasiat.	n
Cyperaceae	<i>Carex distachya</i> Desf.												H caesp	Stenomedit.	n
Cyperaceae	<i>Carex distans</i> L.												H caesp	Eurimedit.	n
Cyperaceae	<i>Carex divisa</i> Huds.										1		G rhiz	Eurimedit. Atl.	n
Cyperaceae	<i>Carex divulsa</i> Stokes												H caesp	Eurimedit.	n
Cyperaceae	<i>Carex flacca</i> subsp. <i>erythrostachys</i> (Happe) Holub												G rhiz	Europ.	n
Cyperaceae	<i>Carex leersii</i> F.W. Schultz										1		H caesp	Eurimedit. Atl.	n
Cyperaceae	<i>Carex pendula</i> Huds.										1		H caesp	Eurasiat.	n
Asteraceae	<i>Carlina gummifera</i> (L.) Less.												H ros	S-Stenomedit.	n
Asteraceae	<i>Carlina lanata</i> L.												T scap	Stenomedit.	n
Asteraceae	<i>Carlina sicula</i> Ten. subsp. <i>sicula</i>												H scap	Endem. Sic.	n
Aizoaceae	<i>Carpobrotus acinaciformis</i> (L.) L. Bolus			1			1	1				1	Ch suffr	S Africa	a
Aizoaceae	<i>Carpobrotus edulis</i> (L.) N.E. Br.											1	Ch suffr	S Africa	a
Asteraceae	<i>Carthamus coerulescens</i> L.												H scap	S-Eurimedit.	n
Asteraceae	<i>Carthamus craticus</i> L.												T scap	Eurimedit.	n
Asteraceae	<i>Carthamus dentatus</i> (Forssk.) Vahl												T scap	Eurasiat.	n
Asteraceae	<i>Carthamus lanatus</i> L.												T scap	Eurimedit.	n
Casuarinaceae	<i>Casuarina aquisetifolia</i> L.												P scap	E-Asia, Australia	a
Poaceae	<i>Catabrosa aquatica</i> (L.) P. Beauv.										1		G rhiz	Circumbor.	n
Poaceae	<i>Catapodium balaenicum</i> (Willk.) H. Scholz											1	T scap	Eurimedit.-Subatl.	n
Poaceae	<i>Catapodium hemipoa</i> (Spreng.) M. Lainz												T scap	W-Stenomedit.	n
Poaceae	<i>Catapodium rigidum</i> (L.) C.E. Hubb. subsp. <i>rigidum</i>					1	1	1					T scap	Eurimedit.	n
Poaceae	<i>Catapodium rigidum</i> subsp. <i>majus</i> (C.Presl) F.H.Perring & P.D.Sell												T scap	Eurimedit.	n
Apocynaceae	<i>Catharanthus roseus</i> (L.) G. Don					1	1	1					Ch suffr	Madagascar	a
Ulmaceae	<i>Celtis australis</i> L. subsp. <i>australis</i>												P scap	Eurimedit.	n
Poaceae	<i>Centurus ciliaris</i> L.					1	1	1					H caesp	Sahara-Sind.	n
Poaceae	<i>Centurus setaceus</i> (Forssk.) Morrone			1	1	1	1	1	1				H caesp	Subtrop.	n
Asteraceae	<i>Centaurea calcitrapa</i> L.												H bienne	Eurimedit.	n
Asteraceae	<i>Centaurea depressa</i> M.Bieb.												T scap	E-Medit.	n
Asteraceae	<i>Centaurea hyalolepis</i> Boiss. subsp. <i>hyalolepis</i>												H bienne	E-Stenomedit.	n
Asteraceae	<i>Centaurea macroacantha</i> Guss.												H bienne	Eurimedit.	n
Asteraceae	<i>Centaurea napifolia</i> L.												T scap	SW-Stenomedit.	n
Asteraceae	<i>Centaurea panormitana</i> Lojac.										1		Ch suffr	Endem. Sic.	n
Asteraceae	<i>Centaurea sicula</i> L.												H bienne	SW-Stenomedit.	n
Asteraceae	<i>Centaurea solstitialis</i> subsp. <i>schaouii</i> (DC.) Gugler												H bienne	Subendem.	n
Asteraceae	<i>Centaurea tyrrhena</i> C.Brullo, Brullo & Giusso										1		Ch suffr	Endem. Sic.	n
Gentianaceae	<i>Centaurium erythraea</i> Rafn subsp. <i>erythraea</i>					1	1	1					H bienne	Palaetemp.	n
Gentianaceae	<i>Centaurium maritimum</i> (L.) Fritsch												T scap	Stenomedit.	n
Gentianaceae	<i>Centaurium pulchellum</i> (Sw.) Druce subsp. <i>pulchellum</i>												T scap	Palaetemp.	n
Valerianaceae	<i>Centranthus ruber</i> (L.) DC. subsp. <i>ruber</i>			1	1					1			Ch suffr	Stenomedit.	n
Caryophyllaceae	<i>Cerastium glomeratum</i> Thuill.												T scap	Eurimedit.	n
Poaceae	<i>Ceratochloa cathartica</i> (Vahl) Herter												H caesp	S Amer.	a
Cesalpiniaceae	<i>Ceratania siliqua</i> L.												P caesp	S-Stenomedit.	a
Ceratophyllaceae	<i>Ceratophyllum demersum</i> L.										1		Ir ad	Subcosmop.	n

Cesalpiniaceae	<i>Cercis siliquastrum</i> L.					1	1				P scap	S Europ. W Asia	a
Boraginaceae	<i>Cerinthe major</i> L. subsp. <i>major</i>							1	1		T scap	Stenomedit.	n
Solanaceae	<i>Cestrum parqui</i> L'Hér.	1						1	1		NP	S Amer.	a
Asteraceae	<i>Chamaemelum fuscotum</i> (Brot.) Vasc.									1	T scap	W-Medit.-Mont.	n
Arecaceae	<i>Chamaerops humilis</i> L.			1		1	1				P scap	W-Stenomedit.	n
Liliaceae	<i>Charybdis panication</i> (Steinh.) Speta									1	G bulb	Stenomedit.	n
Iridaceae	<i>Chasmanthe aethiopica</i> (L.) N. E. Br.									1	G rhiz	S Africa	a
Iridaceae	<i>Chasmanthe aethiopica</i> (L.) N. E. Br.									1	G bulb	S Africa	a
Chenopodiaceae	<i>Chenopodium murale</i> (L.) S. Fuentes, Uotila & Borsch			1				1	1		T scap	Subcosmog.	n
Chenopodiaceae	<i>Chenopodium album</i> L. subsp. <i>album</i>									1	T scap	Euroasiat.	n
Chenopodiaceae	<i>Chenopodium vulvaria</i> L.							1	1		T scap	Eurimedit.	n
Asteraceae	<i>Chondrilla juncea</i> L.									1	H scap	S-Europ.-Sudsib.	n
Euphorbiaceae	<i>Chroocophora tinctoria</i> (L.) Raf.									1	T scap	Eurimedit.-Turam.	n
Asteraceae	<i>Gichorium andivia</i> subsp. <i>pumilum</i> (Jacq.) Cout.									1	T scap	Stenomedit.	n
Asteraceae	<i>Gichorium intybus</i> L.									1	H scap	Cosmogol.	n
Asteraceae	<i>Cirsium creticum</i> (Lam.) d'Urv. subsp. <i>creticum</i>									1	H bienne	NE-Medit.-Mont.	n
Asteraceae	<i>Cirsium creticum</i> subsp. <i>triumfettii</i> (Lacaita) K. Werner									1	H bienne	Subendem.	n
Asteraceae	<i>Cirsium scabrum</i> (Poir.) Bonnet & Barratte									1	H scap	SW-Medit.-Mont.	n
Cistaceae	<i>Cistus creticus</i> subsp. <i>ericocephalus</i> (Viv.) Greuter & Burdet									1	NP	W-Stenomedit.	n
Cistaceae	<i>Cistus salvifolius</i> L.									1	NP	Stenomedit.	n
Ranunculaceae	<i>Clematis cirrhosa</i> L.									1	P lian	Stenomedit.	n
Ranunculaceae	<i>Clematis vitalba</i> L.									1	P lian	Euro.-Caucas.	n
Lamiaceae	<i>Clinopodium nepeta</i> (L.) Kuntze subsp. <i>nepeta</i>	1				1	1	1	1		H scap	Orof. S-Europ.	n
Lamiaceae	<i>Clinopodium raimondoi</i> Spadaro, Faqi & Mazzola									1	H scap	Endem. Sic.	n
Colchicaceae	<i>Colchicum cupanii</i> Guss. subsp. <i>cupanii</i>									1	G bulb	Stenomedit.	n
Asteraceae	<i>Colostephus myconis</i> (L.) Rchb. fil.									1	T scap	Stenomedit.	n
Araceae	<i>Colocasia esculenta</i> (L.) Schott.									1	G rhiz	Asia	a
Convolvulaceae	<i>Convolvulus altheoides</i> L.	1		1		1	1	1	1		H scand	Stenomedit.	n
Convolvulaceae	<i>Convolvulus arvensis</i> L.			1						1	G rhiz	Paleotemp.	n
Convolvulaceae	<i>Convolvulus cantabrica</i> L.									1	H scap	Eurimedit.	n
Convolvulaceae	<i>Convolvulus farinosus</i> L.							1	1		G rhiz	S Africa	a
Convolvulaceae	<i>Convolvulus pentapetaloides</i> L.									1	T scap	S-Stenomedit.	n
Convolvulaceae	<i>Convolvulus siculus</i> L. subsp. <i>siculus</i>									1	T scap	S-Stenomedit.	n
Convolvulaceae	<i>Convolvulus silvaticus</i> Kit.									1	H scand	Eurimedit.-Turam.	n
Fabaceae	<i>Coronilla scorpioides</i> (L.) W. D. J. Koch									1	T scap	Eurimedit.	n
Sinopteridaceae	<i>Cosentinia vellea</i> (Aiton) Tod. subsp. <i>vellea</i>									1	H ros	Eurimedit.-Turam.	n
Crassulaceae	<i>Crassula muscosa</i> L.	1		1		1	1	1	1		NP	SW Africa	a
Crassulaceae	<i>Crassula tillaea</i> Lest.-Garl.	1		1							T scap	Subatlant.	n
Asteraceae	<i>Crepis bursifolia</i> L.					1	1	1	1		H scap	Subendem.	n
Asteraceae	<i>Crepis foetida</i> L. subsp. <i>foetida</i>									1	T scap	Eurimedit.	n
Asteraceae	<i>Crepis neglecta</i> subsp. <i>corymbosa</i> (Ten.) Nyman					1	1	1	1		T scap	C-Medit.	n
Apiaceae	<i>Crithmum maritimum</i> L.									1	Ch suffr	Eurimedit.	n
Rubiaceae	<i>Crucianella latifolia</i> L.									1	T scap	Stenomedit.	n
Rubiaceae	<i>Crucianella maritima</i> L.									1	Ch suffr	Stenomedit.	n
Cupressaceae	<i>Cupressus sempervirens</i> L.	1				1	1	1	1		P scap	W-Medit.	n
Convolvulaceae	<i>Cuscuta epithimum</i> (L.) L. subsp. <i>epithimum</i>									1	T par	Eurasiat.	n
Primulaceae	<i>Cyclamen hederifolium</i> Aiton subsp. <i>hederifolium</i>									1	G bulb	N-Stenomedit.	n
Primulaceae	<i>Cyclamen repandum</i> Sm. subsp. <i>repandum</i>									1	G bulb	NW-Stenomedit.	n

Rosaceae	<i>Cydonia oblonga</i> Mill.										P scap	SW Asia	a
Scrophulariaceae	<i>Cymbalaria muralis</i> G. Gaertn., B. Mey. & Scherb. subsp. <i>muralis</i>	1		1		1	1				T scap	N-Eurimedit.	n
Asteraceae	<i>Cynara cardunculus</i> L. subsp. <i>cardunculus</i>									1	H scap	Stenomedit.	n
Poaceae	<i>Cynodon dactylon</i> (L.) Pers.			1						1	G rhiz	Cosmogol.	n
Boraginaceae	<i>Cynoglossum columnae</i> Ten.									1	T scap	NE-Medit.-Mont.	n
Boraginaceae	<i>Cynoglossum creticum</i> Mill.			1						1	H bienne	Eurimedit.	n
Poaceae	<i>Cynosurus cristatus</i> L.									1	H caesp	Euro.-Caucas.	n
Poaceae	<i>Cynosurus echinatus</i> L.									1	T scap	Eurimedit.	n
Cyperaceae	<i>Cyperus alternifolius</i> subsp. <i>flabelliformis</i> Kük.									1	G rhiz	Madagascar	a
Cyperaceae	<i>Cyperus badius</i> Desf.					1	1	1	1		He	Paleotemp.	n
Cyperaceae	<i>Cyperus esculentus</i> L.									1	He	Subcosmog.	n
Cyperaceae	<i>Cyperus flavescens</i> L.									1	T caesp	Subcosmog.	n
Cyperaceae	<i>Cyperus fuscus</i> L.									1	T scap	Paleotemp.	n
Cyperaceae	<i>Cyperus rotundus</i> L.									1	G rhiz	Subcosmog.	n
Rafflesiaceae	<i>Cytinus hypocistis</i> (L.) L.									1	G rad	Eurimedit.-Macaron.	n
Fabaceae	<i>Cytisus infestus</i> (C. Presl) Guss. subsp. <i>infestus</i>									1	P caesp	Stenomedit.	n
Fabaceae	<i>Cytisus laniger</i> DC.									1	P caesp	Subatlant.	n
Poaceae	<i>Dactylis glomerata</i> L. subsp. <i>glomerata</i>									1	H caesp	Paleotemp.	n
Poaceae	<i>Dactylis glomerata</i> subsp. <i>hispanica</i> (Roth) Nyman									1	H caesp	Stenomedit.	n
Alismataceae	<i>Damasium alisma</i> Mill. subsp. <i>alisma</i>									1	I rad	Eurimedit.	n
Poaceae	<i>Dasyphyrum villosum</i> (L.) P. Candargy									1	T scap	Eurimedit.-Turam.	n
Solanaceae	<i>Datura ferox</i> L.									1	T scap	E-Asia	a
Solanaceae	<i>Datura innoxia</i> Mill.									1	T scap	C-America	a
Solanaceae	<i>Datura quercifolia</i> Kunth									1	T scap	C-America	a
Solanaceae	<i>Datura stramonium</i> L.									1	T scap	America Trop.	a
Apiaceae	<i>Daucus carota</i> L. subsp. <i>carota</i>	1				1	1	1	1		H bienne	Paleotemp.	n
Apiaceae	<i>Daucus carota</i> subsp. <i>drepanensis</i> (Lojac.) Heywood									1	H bienne	Eurimedit. Atl.	n
Apiaceae	<i>Daucus carota</i> subsp. <i>gummifer</i> (Syme) Hook. f.									1	H bienne	W-Medit.-Macarones.	n
Apiaceae	<i>Daucus carota</i> subsp. <i>maritimus</i> (Lam.) Batt.									1	H bienne	W-Medit.	n
Ranunculaceae	<i>Delphinium emarginatum</i> C. Presl subsp. <i>emarginatum</i>									1	H scap	SW-Stenomedit.	n
Ranunculaceae	<i>Delphinium halteratum</i> Sm. subsp. <i>halteratum</i>									1	T scap	Stenomedit.	n
Poaceae	<i>Desmazeria sicula</i> (Jacq.) Dumort.									1	T scap	Eurimedit.	n
Caryophyllaceae	<i>Dianthus graminifolius</i> C. Presl									1	Ch suffr	Endem. Sic.	n
Caryophyllaceae	<i>Dianthus rupicola</i> Biv. subsp. <i>rupicola</i>									1	Ch suffr	Subendem.	n
Caryophyllaceae	<i>Dianthus siculus</i> C. Presl									1	Ch suffr	Subendem.	n
Convolvulaceae	<i>Dichandra micrantha</i> Urb.			1							G rhiz	America Trop.	a
Poaceae	<i>Digitaria ischaemum</i> (Schweigg.) Muhl. subsp. <i>ischaemum</i>					1	1	1	1		T scap	Subcosmog.	n
Poaceae	<i>Digitaria sanguinalis</i> (L.) Scop.					1	1	1	1		T scap	Cosmogol.	n
Dioscoreaceae	<i>Dioscorea communis</i> (L.) Cadellik & Wilkin									1	H scap	E-Eurimedit.	n
Brassicaceae	<i>Diplotaxis erucoides</i> (L.) DC. subsp. <i>erucoides</i>									1	T scap	W-Stenomedit.	n
Brassicaceae	<i>Diplotaxis muralis</i> (L.) DC.			1						1	T scap	Eurimedit.-Subatl.	n
Brassicaceae	<i>Diplotaxis viminea</i> (L.) DC.			1						1	T scap	Eurimedit.	n
Dipsacaceae	<i>Dipsacus fullonum</i> L. subsp. <i>fullonum</i>									1	H bienne	Eurimedit.	n
Asteraceae	<i>Dittrichia graveolens</i> (L.) Greuter									1	T scap	Eurimedit.-Turam.	n
Asteraceae	<i>Dittrichia viscosa</i> (L.) Greuter subsp. <i>viscosa</i>	1				1	1	1	1		H scap	Eurimedit.	n
Bignoniaceae	<i>Dolichandra unguis-cati</i> (L.) L.G. Lohmann			1		1	1	1	1		P lian	CS-America	a
Agavaceae	<i>Dracaena draco</i> L. subsp. <i>draco</i>	1								1	P scap	Canary Is.	a
Aizoaceae	<i>Drosanthemum floribundum</i> (Haw.) Schwantes									1	Ch suffr	S Africa	a

Asteraceae	<i>Galinsoga parviflora</i> Cav.				1	1						T scap	S Amer.	a
Asteraceae	<i>Galinsoga quadriradiata</i> Ruiz & Pav.				1	1						T scap	S Amer.	a
Rubiaceae	<i>Galium aparine</i> L.	1				1	1					T scap	Eurasiat.	n
Rubiaceae	<i>Galium lucidum</i> All. subsp. <i>lucidum</i>						1					H scap	Eurimedit.	n
Rubiaceae	<i>Galium murale</i> (L.) All.				1			1				T scap	Stenomedit.	n
Rubiaceae	<i>Galium tricomutum</i> Dandy											T scap	Eurimedit.	n
Rubiaceae	<i>Galium verrucosum</i> Huds. subsp. <i>verrucosum</i>					1		1				T scap	Stenomedit.	n
Rubiaceae	<i>Galium verum</i> L. subsp. <i>verum</i>											T scap	Europ.-Caucas.	n
Poaceae	<i>Gastridium scabrum</i> C. Presl				1	1	1					T scap	Stenomedit.	n
Poaceae	<i>Gastridium ventricosum</i> (Gouan) Schinz & Thell.				1	1	1					T scap	Stenomedit.-Atl.	n
Poaceae	<i>Gaudinia fragilis</i> (L.) P. Beauv.											T scap	Eurimedit.	n
Geraniaceae	<i>Geranium columbinum</i> L.											T scap	S-Europ.-Sudsub.	n
Geraniaceae	<i>Geranium dissectum</i> L.											T scap	Eurasiat.	n
Geraniaceae	<i>Geranium lucidum</i> L.											T scap	Eurimedit.	n
Geraniaceae	<i>Geranium molle</i> L.						1	1				T scap	Eurasiat.	n
Geraniaceae	<i>Geranium purpureum</i> Vill.					1	1	1		1		T scap	Eurimedit.	n
Geraniaceae	<i>Geranium robertianum</i> L.	1	1	1	1	1	1					T scap	Subcosmop.	n
Geraniaceae	<i>Geranium rotundifolium</i> L.	1	1	1	1	1	1					T scap	Paleotemp.	n
Geraniaceae	<i>Geranium sanguineum</i> L.											H scap	Europ.-Caucas.	n
Geraniaceae	<i>Geranium tuberosum</i> L. subsp. <i>tuberosum</i>											G rhiz	S-Europ.-Sudsub.	n
Asteraceae	<i>Geropogon hybridus</i> (L.) Sch.Bip.											T scap	Stenomedit.	n
Iridaceae	<i>Gladiolus byzantinus</i> Mill.											G bulb	Stenomedit.	n
Iridaceae	<i>Gladiolus communis</i> L.											G bulb	S-Europ.-Sudsub.	n
Iridaceae	<i>Gladiolus italicus</i> Mill.				1	1						G bulb	Eurimedit.	n
Boraginaceae	<i>Glandora rosmarinifolia</i> (Ten.) D. C. Thomas									1		Ch suffr	Subendem.	n
Asteraceae	<i>Glebionis coronaria</i> (L.) Spach											T scap	Stenomedit.	n
Asteraceae	<i>Glebionis segetum</i> (L.) Fourr.											T scap	Stenomedit.	n
Alzooaceae	<i>Glinus lotoides</i> L.											T scap	Paleotrop.	n
Poaceae	<i>Glyceria fluitans</i> (L.) R. Br.										1	I rad	Subcosmop.	n
Poaceae	<i>Glyceria spicata</i> Guss.										1	I rad	Subcosmop.	n
Crassulaceae	<i>Graptopetalum paraguayense</i> (N.E.Br.) Walther subsp.		1						1			Ch succ	Mexico	a
Poaceae	<i>Hainardia cylindrica</i> (Willd.) Greuter											T scap	Eurimedit.	n
Araliaceae	<i>Hedera canariensis</i> Willd.											P lian	Canarie	a
Araliaceae	<i>Hedera helix</i> L. subsp. <i>helix</i>											P lian	Eurimedit.	n
Asteraceae	<i>Hedynopsis rhagadioloides</i> (L.) F.W. Schmidt											T scap	Stenomedit.	n
Cistaceae	<i>Helianthemum salicifolium</i> (L.) Mill.											T scap	Eurimedit.	n
Asteraceae	<i>Helianthemum pauciflorum</i> Nutt.											T scap	N-Amér.	a
Asteraceae	<i>Helichrysum luteoalbum</i> (L.) Rchb.											T scap	Subcosmop.	n
Asteraceae	<i>Helichrysum pendulum</i> (C. Presl) C. Presl									1		Ch suffr	Endem. Sic.	n
Poaceae	<i>Helictotrichon convolutum</i> (C. Presl) Henrad									1		H caesp	NE-Medit.-Mont.	n
Boraginaceae	<i>Heliotropium europaeum</i> L.				1	1	1					T scap	Eurimedit.	n
Asteraceae	<i>Helminthotheca aculeata</i> (Vahl) Lack subsp. <i>aculeata</i>											H scap	SW-Stenomedit.	n
Apiaceae	<i>Helosciadium nodiflorum</i> (L.) W.D.J. Koch subsp. <i>nodiflorum</i>										1	H scap	Eurimedit.	n
Fabaceae	<i>Hippocrepis biflora</i> Spreng.											T scap	Eurimedit.	n
Brassicaceae	<i>Hirschfeldia incana</i> (L.) Lagr.-Foss. subsp. <i>incana</i>				1	1	1					H scap	Eurimedit.	n
Poaceae	<i>Holcus lanatus</i> L. subsp. <i>lanatus</i>										1	H caesp	Circumbor.	n
Poaceae	<i>Hordeum bulbosum</i> L.											H caesp	Subtrop.	n
Poaceae	<i>Hordeum marinum</i> Huds.		1	1	1	1	1					T scap	W-Eurimedit.	n

Poaceae	<i>Hordeum murinum</i> L. subsp. <i>murinum</i>		1	1	1	1	1						T scap	Circumbor.	n
Poaceae	<i>Hordeum murinum</i> subsp. <i>leporinum</i> (Link) Arcang.			1	1	1	1						T scap	Eurimedit.	n
Brassicaceae	<i>Hornungia procumbens</i> (L.) Hayek												T scap	Subcosmop.	n
Cactaceae	<i>Hylaeus triangularis</i> (L.) Britton & Rose											P succ	C America	a	
Fabaceae	<i>Hymenocarpus circinnatus</i> (L.) Savi											H scap	Stenomedit.	n	
Solanaceae	<i>Hyoscyamus albus</i> L.				1	1						T scap	Eurimedit.	n	
Solanaceae	<i>Hyoscyamus niger</i> L.				1	1						T scap	Eurasiat.	n	
Asteraceae	<i>Hyoscyamus radiata</i> L.		1	1	1	1	1					T ros	Stenomedit.	n	
Poaceae	<i>Hyparrhenia hirta</i> (L.) Stapf subsp. <i>hirta</i>											H caesp	Paleotrop.	n	
Poaceae	<i>Hyparrhenia sinica</i> (Delile) G. López											H caesp	W-Stenomedit.	n	
Papaveraceae	<i>Hypecoum procumbens</i> L. subsp. <i>procumbens</i>											T scap	Paleotemp.	n	
Clusiaceae	<i>Hypericum perforatum</i> L.											H scap	Stenomedit.	n	
Clusiaceae	<i>Hypericum perforatum</i> L. subsp. <i>perforatum</i>											H scap	Paleotemp.	n	
Asteraceae	<i>Hypochaeris achyrophorus</i> L.											T scap	Stenomedit.	n	
Asteraceae	<i>Hypochaeris cretensis</i> (L.) Bory & Chaub.		1	1	1	1	1					H scap	NE-Medit.-Mont.	n	
Asteraceae	<i>Hypochaeris laevigata</i> (L.) Ces., Pass. & Gibelli											H ros	SW-Medit.-Mont.	n	
Asteraceae	<i>Hypochaeris radicata</i> L.											H ros	Europ.-Caucas.	n	
Brassicaceae	<i>Iberis semperflorans</i> L.									1		Ch suffr	Subendem.	n	
Poaceae	<i>Imperata cylindrica</i> (L.) Raeusch.										1	G rhiz	Termocosmop.	n	
Convolvulaceae	<i>Ipomoea calina</i> (L.) Sweet											G rhiz	W-Medit.	n	
Convolvulaceae	<i>Ipomoea indica</i> (Burm.) Merr.											G rhiz	W-Asia	a	
Convolvulaceae	<i>Ipomoea purpurea</i> (L.) Roth											G rhiz	America Trop.	a	
Iridaceae	<i>Iris germanica</i> L.											G rhiz	Horticle	a	
Iridaceae	<i>Iris pseudopumila</i> Tineo											G rhiz	Subendem.	n	
Brassicaceae	<i>Isatis tinctoria</i> L. subsp. <i>tinctoria</i>											H bienn	SE Asia	a	
Bigoniaceae	<i>Jacaranda mimosifolia</i> D.Don		1									P scap	S Amer.	a	
Asteraceae	<i>Jacobaea delphinifolia</i> (Vahl) Pelsér & Veldkamp											T scap	SW-Medit.-Mont.	n	
Juncaceae	<i>Juncus acutus</i> L. subsp. <i>acutus</i>										1	H caesp	Eurimedit.	n	
Juncaceae	<i>Juncus articulatus</i> L. subsp. <i>articulatus</i>											G rhiz	Circumbor.	n	
Juncaceae	<i>Juncus pygmaeus</i> Thuill.											T caesp	Eurimedit.-Subatl.	n	
Juncaceae	<i>Juncus striatus</i> E. Mey.										1	G rhiz	W-Stenomedit.	n	
Iridaceae	<i>Juno planifolia</i> (Mill.) Asch.											G bulb	S-Stenomedit.	n	
Crassulaceae	<i>Kalanchoë xhaughtonii</i> D.B.Ward				1	1						P succ	Horticle	a	
Crassulaceae	<i>Kalanchoë daigremontiana</i> Raym.-Hamet & H.Perrier				1	1	1	1				P succ	Madagascar	a	
Crassulaceae	<i>Kalanchoë delagoensis</i> Eckl. & Zeyh.				1	1	1	1				P succ	Madagascar	a	
Lamiaceae	<i>Kickxia spuria</i> (L.) Dumort. subsp. <i>spuria</i>											T scap	Eurasiat.	n	
Dipsacaceae	<i>Knautia integrifolia</i> (L.) Bertol subsp. <i>integrifolia</i>											T scap	Eurimedit.	n	
Sapindaceae	<i>Koeleruteria paniculata</i> Laxm.		1				1	1				P scap	E-Asia	a	
Apiaceae	<i>Kundmannia sicula</i> (L.) DC.											H scap	Stenomedit.	n	
Asteraceae	<i>Lactuca saligna</i> L.											T scap	Eurimedit.-Turan.	n	
Asteraceae	<i>Lactuca sativa</i> L. subsp. <i>serriola</i> (L.) Galasso, Banfi, Bartolucci & Ardenghi											H bienn	S-Europ.-Sudsub.	n	
Asteraceae	<i>Lactuca virosa</i> L.		1	1	1	1	1					T scap	Stenomedit.-Atl.	n	
Poaceae	<i>Lagurus ovatus</i> L. subsp. <i>ovatus</i>											T scap	Eurimedit.	n	
Poaceae	<i>Lamarckia aurea</i> (L.) Moench											T scap	Stenomedit.-Turan.	n	
Lamiaceae	<i>Lamium amplexicaule</i> L.		1									T scap	Paleotemp.	n	
Verbenaceae	<i>Lantana camara</i> L.		1									P caesp	Neotropic.	n	
Fabaceae	<i>Lathyrus amphicarpos</i> L.											T scap	Stenomedit.	n	
Fabaceae	<i>Lathyrus annuus</i> L.											T scap	Eurimedit.	n	

Lamiaceae	<i>Mentha suaveolens</i> Ehrh. subsp. <i>suaveolens</i>						1		H scap	Eurimedit.	n
Lamiaceae	<i>Mentha suaveolens</i> subsp. <i>insularis</i> (Req.) Greuter						1		H scap	Subendem.	n
Euphorbiaceae	<i>Mercurialis annua</i> L.	1	1	1	1	1			T scap	Paleotemp.	n
Alizaceae	<i>Mesembryanthemum cordifolium</i> L.f.					1			Ch suffr	S Africa	a
Lamiaceae	<i>Micromeria graeca</i> Rchb. subsp. <i>graeca</i>					1	1		Ch suffr	Stenomedit.	n
Lamiaceae	<i>Micromeria graeca</i> subsp. <i>fruticulosa</i> (Bertol.) Guineá					1	1		Ch suffr	Endem.	n
Lamiaceae	<i>Micromeria graeca</i> subsp. <i>tenuifolia</i> (Ten.) Nyman					1	1		Ch suffr	Endem.	n
Poaceae	<i>Milium effusum</i> L. subsp. <i>effusum</i>	1		1	1	1			G rhiz	Circumbor.	n
Nyctaginaceae	<i>Mirabilis jalapa</i> L.			1	1	1			G bulb	America Trop.	a
Nyctaginaceae	<i>Mirabilis longiflora</i> L.				1	1			G bulb	America Trop.	a
Scrophulariaceae	<i>Misopates calycinum</i> Rothm.				1	1			T scap	W-Stenomedit.	n
Scrophulariaceae	<i>Misopates orontium</i> (L.) Raf.				1	1			T scap	Eurimedit.	n
Caryophyllaceae	<i>Moehringia pentandra</i> Gay					1			T scap	Eurimedit.	n
Portulacaceae	<i>Montia arvensis</i> Walfr.					1			T scap	Circumbor.	n
Iridaceae	<i>Moraea zeyrinchium</i> (L.) Ker Gawl.					1			G bulb	Stenomedit.	n
Moraceae	<i>Morus alba</i> L.					1	1		P caesp	E-Asia	a
Moraceae	<i>Morus nigra</i> L.					1	1		P caesp	SW Asia	a
Liliaceae	<i>Muscari commutatum</i> Guss.					1			G bulb	E-Stenomedit.	n
Liliaceae	<i>Muscari comosum</i> (L.) Mill.					1			G bulb	Eurimedit.	n
Liliaceae	<i>Muscari parviflorum</i> Desf.					1			G bulb	E-Stenomedit.	n
Myoporaceae	<i>Myoporum tenuifolium</i> G. Forst.	1		1	1	1			P caesp	Australia	a
Boraginaceae	<i>Myosotis ramosissima</i> Rachel subsp. <i>ramosissima</i>					1			T scap	Europ.-Caucas.	n
Myrtaceae	<i>Myrtus communis</i> L.					1			P caesp	Stenomedit.	n
Amaryllidaceae	<i>Narcissus tazetta</i> L. subsp. <i>tazetta</i>					1			G bulb	Stenomedit.	n
Orchidaceae	<i>Neotinea lactea</i> (Poir.) R.M. Bateman, Pridgeon & M.W. Chase					1			G bulb	Stenomedit.	n
Orchidaceae	<i>Neotinea tridentata</i> (Scop.) R.M. Bateman, Pridgeon & M.W. Chase					1			G bulb	Eurimedit.	n
Orchidaceae	<i>Neotinea tridentata</i> (Scop.) R.M. Bateman, Pridgeon & M.W. Chase					1			G bulb	Eurimedit.	n
Nephrolepidaceae	<i>Nephrolepis cordifolia</i> (L.) C. Presl.		1			1			H caesp	Tropical region	n
Apocynaceae	<i>Nerium oleander</i> L. subsp. <i>oleander</i>			1	1	1		1	P caesp	S-Stenomedit.	n
Brassicaceae	<i>Neslia paniculata</i> subsp. <i>thracica</i> (Velen.) Bornm.					1			T scap	Eurimedit.-Turan.	n
Solanaceae	<i>Nicandra physalodes</i> (L.) Gaertn.				1	1	1		T scap	S Amer.	a
Solanaceae	<i>Nicotiana glauca</i> Graham	1	1	1	1	1			NP	S Amer.	a
Ranunculaceae	<i>Nigella damascena</i> L.					1			T scap	Eurimedit.	n
Boraginaceae	<i>Nona vesicaria</i> (L.) Rchb.					1			T scap	W-Stenomedit.	n
Amaryllidaceae	<i>Nothoscordium barbonicum</i> Kunth		1						G bulb	S Amer.	a
Asteraceae	<i>Notobasis syriaca</i> (L.) Cass.					1			T scap	Stenomedit.	n
Apiaceae	<i>Onanthe aquatica</i> (L.) Poir.							1	H scap	Eurasiat.	n
Apiaceae	<i>Onanthe crocata</i> L.							1	H scap	Subatlant.	n
Apiaceae	<i>Onanthe globulosa</i> L.							1	H scap	W-Medit.	n
Oleaceae	<i>Olea europaea</i> L. var. <i>europaea</i>					1	1		P caesp	Stenomedit.	a
Oleaceae	<i>Olea europaea</i> var. <i>sylvestris</i> Brot.	1	1	1	1	1			P caesp	Stenomedit.	a
Poaceae	<i>Oloptum milloaceum</i> (L.) Röser & H.R. Hamasha					1	1	1	H caesp	Stenomedit.	n
Poaceae	<i>Oloptum milloaceum</i> (L.) Röser & H.R. Hamasha		1	1	1	1			T scap	C-Asia	a
Poaceae	<i>Oloptum thomasi</i> (Duby) Banfi & Galasso				1	1	1		H caesp	Stenomedit.	n
Fabaceae	<i>Onobrychis caput-galli</i> (L.) Lam.					1			T scap	Stenomedit.	n
Fabaceae	<i>Ononis alapeucuroides</i> subsp. <i>exalapeucuroides</i> (G. López) Greuter & Burdet					1			T scap	W-Medit.	n
Fabaceae	<i>Ononis mitissima</i> L.					1			T scap	Stenomedit.	n
Fabaceae	<i>Ononis ornithopodioides</i> L.					1			T scap	Stenomedit.	n

Fabaceae	<i>Ononis pendula</i> s. subsp. <i>boissieri</i> (Širj.) Devesa					1			T scap	W-Medit.	n
Fabaceae	<i>Ononis viscosa</i> subsp. <i>breviflora</i> (DC.) Nyman					1			T scap	CW-Medit.	n
Asteraceae	<i>Onopordium illyricum</i> L. subsp. <i>illyricum</i>					1			H bienne	Stenomedit.	n
Orchidaceae	<i>Ophrys forestieri</i> (Rchb.f.) Lajac.					1			G bulb	Stenomedit.	n
Orchidaceae	<i>Ophrys panormitana</i> (Tod.) Soó					1			G bulb	Endem. Sic.	n
Orchidaceae	<i>Ophrys sicula</i> Tineo					1			G bulb	Stenomedit.	n
Orchidaceae	<i>Ophrys sphegodes</i> Mill. subsp. <i>sphagodes</i>					1			G bulb	Eurimedit.	n
Cactaceae	<i>Opuntia amygdala</i> Ten.					1	1		P succ	C-America	a
Cactaceae	<i>Opuntia dejecta</i> Salm-Dyck					1	1		P succ	America Trop.	a
Cactaceae	<i>Opuntia dillenii</i> (Ker-Gawl) Haw.					1	1		P succ	America Trop.	a
Cactaceae	<i>Opuntia engelmannii</i> engelmannii Engelm.					1			P succ	N-Amér.	a
Cactaceae	<i>Opuntia ficus-indica</i> (L.) Mill.	1	1	1	1	1	1		P succ	America Trop.	a
Cactaceae	<i>Opuntia stricta</i> (Haw.) Haw.					1			P succ	S Amer., Messico, Cuba	a
Orchidaceae	<i>Orchis anthropophora</i> (L.) All.					1			G bulb	Medit.-Atlant.	n
Orchidaceae	<i>Orchis brancifortii</i> Biv.					1			G bulb	Endem.	n
Orchidaceae	<i>Orchis italica</i> Poir.					1			G bulb	Stenomedit.	n
Lamiaceae	<i>Origanum vulgare</i> subsp. <i>vindulum</i> (Matrin-Donos) Nyman					1	1		H scap	Eurasiat.	n
Apiaceae	<i>Orlaya grandiflora</i> (L.) Hoffm.					1			T scap	Stenomedit.	n
Liliaceae	<i>Ornithogalum umbellatum</i> L.					1			G bulb	Eurimedit.	n
Fabaceae	<i>Ornithopus compressus</i> L.					1			T scap	Eurimedit.	n
Orobanchaceae	<i>Orobanche alba</i> Willd.					1			T par	Eurasiat.	n
Orobanchaceae	<i>Orobanche amethystea</i> Thuill.					1			T par	Subatlant.	n
Orobanchaceae	<i>Orobanche canescens</i> C. Presl					1			T par	Stenomedit.	n
Orobanchaceae	<i>Orobanche caryophyllacea</i> Sm.					1			T par	Subatlant.	n
Orobanchaceae	<i>Orobanche crenata</i> Forssk.					1			T par	Eurimedit.-Turan.	n
Orobanchaceae	<i>Orobanche gracilis</i> Sm.					1			T par	SW-Stenomedit.	n
Orobanchaceae	<i>Orobanche hederac</i> Duby		1			1			T par	Eurimedit.	n
Orobanchaceae	<i>Orobanche litorea</i> Guss.							1	T par	Stenomedit.	n
Orobanchaceae	<i>Orobanche minor</i> Sm.		1			1			T par	Paleotemp.	n
Orobanchaceae	<i>Orobanche pubescens</i> d'Urv.					1			T par	E-Stenomedit.	n
Orobanchaceae	<i>Orobanche sanguinea</i> C. Presl					1			T par	Stenomedit.	n
Orobanchaceae	<i>Orobanche variegata</i> Walfr.					1			T par	Stenomedit.	n
Santalaceae	<i>Osyris alba</i> L.					1			NP	Eurimedit.	n
Oxalidaceae	<i>Oxalis corniculata</i> L.	1	1	1	1	1			H rept	Eurimedit.	n
Oxalidaceae	<i>Oxalis pes-caprae</i> L.	1	1	1	1	1			G bulb	S Africa	a
Oxalidaceae	<i>Oxalis purpurea</i> L.				1	1			G bulb	S Africa	a
Chenopodiaceae	<i>Oxybasis urtica</i> (L.) S. Fuentes, Uotila & Borsch					1	1		T scap	Eurosib.	n
Asteraceae	<i>Pollenis spinosa</i> (L.) Cass. subsp. <i>spinosa</i>					1	1		T scap	Eurimedit.	n
Poaceae	<i>Panicum repens</i> L.					1	1		G rhiz	Paleosubtrop.	n
Papaveraceae	<i>Papaver dubium</i> L.					1	1		T scap	Eurimedit.-Turan.	a
Papaveraceae	<i>Papaver hybridum</i> L.					1	1		T scap	Eurimedit.-Turan.	a
Papaveraceae	<i>Papaver pinnatifidum</i> Moris	1		1	1	1			T scap	Stenomedit.	a
Papaveraceae	<i>Papaver rhoas</i> L. subsp. <i>rhoas</i>					1	1		T scap	E-Medit.-Mont.	a
Papaveraceae	<i>Papaver zetigerum</i> DC.					1			T scap	W-Medit.-Mont.	n
Poaceae	<i>Parapholis filiformis</i> (Roth) C.E. Hubb.					1			T scap	Eurimedit.-Subatl.	n
Poaceae	<i>Parapholis marginata</i> Runemark					1			T scap	Eurimedit. Asia, Africa	n
Poaceae	<i>Parapholis pynantha</i> (Hack.) C.E. Hubb.					1			T scap	Eurimedit.-Subatl.	n
Poaceae	<i>Parapholis strigosa</i> (Dumort.) C.E. Hubb.					1			T scap	Eurimedit.-Subatl.	n

Scrophulariaceae	<i>Potentilla latifolia</i> (L.) Caruel									T scap	Eurimedit.	n
Urticaceae	<i>Parietaria judaica</i> L.	1	1	1	1	1				H scap	Eurimedit.-Macaron.	n
Urticaceae	<i>Parietaria lusitanica</i> L. subsp. <i>lusitanica</i>	1	1	1	1	1				T rept	Stenomedit.	n
Cesalpiniaceae	<i>Parkinsonia aculeata</i> L.		1	1	1	1				P scap	America Trop.	a
Poaceae	<i>Patzkea coarulescens</i> (Desf.) H.Scholz				1					H caesp	SW-Medit.-Mont.	n
Polygonaceae	<i>Persicaria amphibia</i> (L.) Delarbre							1		G rhiz	Subcosmog.	n
Polygonaceae	<i>Persicaria decipiens</i> (R. Br.) K.L. Wilson							1		H scap	Subcosmog.	n
Polygonaceae	<i>Persicaria hydropiper</i> (L.) Delarbre							1		T scap	Circumbor.	n
Polygonaceae	<i>Persicaria lapathifolia</i> (L.) Delarbre subsp. <i>lapathifolia</i>							1		T scap	Paleotemp.	n
Polygonaceae	<i>Persicaria maculosa</i> Gray							1		T scap	Subcosmog.	n
Caryophyllaceae	<i>Petrorhagia dubia</i> (Raf.) G. López González & Romo				1					T scap	S-Stenomedit.	n
Caryophyllaceae	<i>Petrorhagia illyrica</i> subsp. <i>haynaldiana</i> (F.N.Williams) P.W. Ball & Heywood				1					H caesp	E-Medit.	n
Caryophyllaceae	<i>Petrorhagia saxifraga</i> subsp. <i>gasparrini</i> (Guss.) Greuter & Burdet				1					H caesp	Eurimedit.	n
Asteraceae	<i>Phagnalon saxatile</i> (L.) Cass.	1	1	1	1	1				Ch suffr	W-Stenomedit.	n
Poaceae	<i>Phalaris aquatica</i> L.							1		H caesp	Stenomedit.	n
Poaceae	<i>Phalaris brachystachys</i> Link					1				T scap	Stenomedit.	n
Poaceae	<i>Phalaris canariensis</i> L.							1		T scap	Eurimedit.	n
Poaceae	<i>Phalaris coarulescens</i> Desf.					1				H caesp	Stenomedit.	n
Poaceae	<i>Phalaris minor</i> Retz.					1				T scap	Subtrop.	n
Poaceae	<i>Phalaris paradoxa</i> L.					1				T scap	Stenomedit.	n
Crassulaceae	<i>Phedimus stellatus</i> (L.) Raf.		1				1			Ch succ	Stenomedit.	n
Orobanchaceae	<i>Phelipanche lavandulacea</i> (Rehb.) Pomet subsp. <i>lavandulacea</i>					1				T par	W-Stenomedit.	n
Orobanchaceae	<i>Phelipanche muteli</i> (F.W.Schultz) Reut.				1	1				T par	Paleotemp.	n
Orobanchaceae	<i>Phelipanche nana</i> (Reut.) Soják	1		1	1	1				T par	Paleotemp.	n
Orobanchaceae	<i>Phelipanche schultzei</i> (Mutel) Pomet					1				T par	Paleotrop.	n
Oleaceae	<i>Phillyrea latifolia</i> L.									P caesp	Stenomedit.	n
Poaceae	<i>Phleum echinatum</i> Host				1	1				T scap	NE-Stenomedit.	n
Lamiaceae	<i>Phlomis fruticosa</i> L.					1				NP	N-Stenomedit.	n
Arecaceae	<i>Phoenix canariensis</i> H. Wildpret		1	1	1					P scap	Canarie	a
Arecaceae	<i>Phoenix dactylifera</i> L.		1	1	1					P scap	Paleosubtrop.	a
Poaceae	<i>Phragmites australis</i> (Cav.) Steud. subsp. <i>australis</i>							1		G rhiz	Subcosmog.	n
Verbenaceae	<i>Phyla nodiflora</i> (L.) Greene							1		H rept	Pantrop.	n
Phyllanthaceae	<i>Phyllanthus tenellus</i> Roxb.	1								T scap	Madagascar; Mauritius's Isla	a
Phytolaccaceae	<i>Phytolacca americana</i> L.				1	1				P scap	N-Amér.	a
Asteraceae	<i>Picris hieracioides</i> L. subsp. <i>hieracioides</i>				1	1				H scap	Medit.	n
Urticaceae	<i>Pilea microphylla</i> (L.) Lieb.		1							T caesp	America trop.	a
Pinaceae	<i>Pinus halepensis</i> Mill. subsp. <i>halepensis</i>	1		1	1	1				P scap	Stenomedit.	n
Pinaceae	<i>Pinus pinea</i> L.				1	1				P scap	Eurimedit.	n
Anacardiaceae	<i>Pistacia lentiscus</i> L.					1				P caesp	S-Stenomedit.	n
Anacardiaceae	<i>Pistacia terebinthus</i> L. subsp. <i>terebinthus</i>					1				P caesp	Eurimedit.	n
Pittosporaceae	<i>Pittosporum tobira</i> (Thunb.) W.T. Aiton	1		1	1	1				P caesp	E Asia	a
Plantaginaceae	<i>Plantago afra</i> L. subsp. <i>afra</i>		1	1	1					T scap	Stenomedit.	n
Plantaginaceae	<i>Plantago altissima</i> L.					1				H ros	SE-Europ.	n
Plantaginaceae	<i>Plantago bellardii</i> All. subsp. <i>bellardii</i>					1	1			T scap	S-Stenomedit.	n
Plantaginaceae	<i>Plantago coronopus</i> L.					1				T scap	Eurimedit.	n
Plantaginaceae	<i>Plantago lagopus</i> L.		1	1	1					T scap	Stenomedit.	n
Plantaginaceae	<i>Plantago lanceolata</i> L.		1	1	1					H ros	Eurasiat.	n
Plantaginaceae	<i>Plantago major</i> L. subsp. <i>major</i>		1	1	1					H ros	Eurasiat.	n

Platanaceae	<i>Platanus hispanica</i> Münchh.				1	1				P scap	Eurimedit.	n
Plumbaginaceae	<i>Plumbago auriculata</i> Lam.		1	1						P caesp	S Africa	a
Poaceae	<i>Poa annua</i> L.					1				T caesp	Cosmogopol.	n
Poaceae	<i>Poa bulbosa</i> L. subsp. <i>bulbosa</i>					1				H caesp	Paleotemp.	n
Poaceae	<i>Poa infirma</i> Kunth					1				T caesp	Eurimedit.	n
Poaceae	<i>Poa pratensis</i> L. subsp. <i>pratensis</i>					1				H caesp	Circumbor.	n
Poaceae	<i>Poa trivialis</i> L.					1				H caesp	Eurasiat.	n
Caryophyllaceae	<i>Polycarpon tetraphyllum</i> subsp. <i>diphyllum</i> (Cav.) O. Bolás & Font	1	1	1	1	1				T scap	Stenomedit.	n
Polygonaceae	<i>Polygonum arenastrum</i> Boreau		1	1						H rept	Endem.	n
Polygonaceae	<i>Polygonum aviculare</i> L. subsp. <i>aviculare</i>				1	1				T rept	Cosmogopol.	n
Polygonaceae	<i>Polygonum ruriavum</i> Boreau				1	1				T rept	Subcosmog.	n
Polypodiaceae	<i>Polypodium cambicum</i> L.	1	1							H ros	Eurimedit.	n
Poaceae	<i>Polygonum monspeliensis</i> (L.) Desf.							1		T scap	Subtrop.	n
Poaceae	<i>Polygonum viridis</i> (Gouan) Breistr.					1				H caesp	Subtrop.	n
Portulacaceae	<i>Portulaca granulatastellulata</i> (Poehl.) Ricceri & Arrigoni				1	1				T scap	E-Europ. W-Asia	n
Portulacaceae	<i>Portulaca nitida</i> (Danin & H.G. Baker) Ricceri & Arrigoni				1	1				T scap	Medit.	n
Portulacaceae	<i>Portulaca oleracea</i> L.				1	1				T scap	Subcosmog.	n
Portulacaceae	<i>Portulaca papillatostellulata</i> (Danin & H.G. Baker) Danin				1	1				T scap	Medit.	n
Portulacaceae	<i>Portulaca rousii</i> Danin				1	1				T scap	Stenomedit.	n
Portulacaceae	<i>Portulaca sicula</i> Danin, Domina & Raimondo				1	1				T scap	Stenomedit.	n
Potamogetonaceae	<i>Potamogeton nodosus</i> Poir.							1		I rad	Subcosmog.	n
Rosaceae	<i>Poterium sanguisorba</i> L. subsp. <i>sanguisorba</i>					1				H scap	Paleotemp.	n
Liliaceae	<i>Prospero autumnale</i> (L.) Speta									G bulb	Europ.-Caucas.	n
Liliaceae	<i>Prospero obtusifolium</i> subsp. <i>intermedium</i> (Guss.) Soldano & F. Conti					1				G bulb	W-Stenomedit.	n
Lamiaceae	<i>Prunella vulgaris</i> L. subsp. <i>vulgaris</i>					1				H scap	Circumbor.	n
Rosaceae	<i>Prunus armeniaca</i> L.					1				P scap	W-Asia	a
Asteraceae	<i>Pulicaria dysenterica</i> (L.) Bernh.				1	1				H scap	Eurimedit.	n
Asteraceae	<i>Pulicaria odora</i> (L.) Rchb.				1	1				H scap	Eurimedit.	n
Asteraceae	<i>Pulicaria sicula</i> (L.) Monz				1	1				T scap	Stenomedit.	n
Fagaceae	<i>Quercus ilex</i> L. subsp. <i>ilex</i>	1					1			P scap	Stenomedit.	n
Ranunculaceae	<i>Ranunculus arvensis</i> L.					1				T scap	Paleotemp.	n
Ranunculaceae	<i>Ranunculus baudatii</i> Godr.							1		H ros	Stenomedit.	n
Ranunculaceae	<i>Ranunculus bullatus</i> L.					1	1			G bulb	Eurasiat.	n
Ranunculaceae	<i>Ranunculus muricatus</i> L.					1				I rad	Stenomedit.-Atl.	n
Ranunculaceae	<i>Ranunculus neapolitanus</i> Ten.					1				T scap	Eurimedit.	n
Ranunculaceae	<i>Ranunculus paludosus</i> Poir.							1		H scap	NE-Medit.-Mont.	n
Ranunculaceae	<i>Ranunculus parviflorus</i> L.							1		H scap	Medit.-Atlant.	n
Brassicaceae	<i>Raphanus raphanistrum</i> subsp. <i>landra</i> (DC.) Bonnier & Layens				1	1				T scap	Eurimedit.	n
Asteraceae	<i>Reichardia intermedia</i> (Sch. Bip.) Samp.	1	1	1	1	1				T scap	Stenomedit.	n
Asteraceae	<i>Reichardia picroides</i> (L.) Roth	1	1	1	1	1				H scap	Stenomedit.	n
Resedaceae	<i>Reseda alba</i> L. subsp. <i>alba</i>		1			1				H scap	Europ.	n
Asteraceae	<i>Rhagadiolus staltus</i> (L.) Gaertn.					1				P caesp	Eurimedit.	n
Rhamnaceae	<i>Rhamnus alaternus</i> L. subsp. <i>alaternus</i>	1		1	1	1				P caesp	S-Europ.-Sudsub.	n
Anacardiaceae	<i>Rhus coriaria</i> L.					1				P caesp	SW-Stenomedit.	n
Anacardiaceae	<i>Rhus pentaphylla</i> (Jacq.) Desf.					1				P caesp	S-Stenomedit.	n
Anacardiaceae	<i>Rhus tripartita</i> (Ucria) Grande					1				NP	Eurasiat.	n
Euphorbiaceae	<i>Ricinus communis</i> L.		1	1	1					T scap	Stenomedit.	n
Fabaceae	<i>Robinia pseudoacacia</i> L.				1	1				P caesp	N-Amér.	a

Iridaceae	<i>Romulea bulbocodium</i> (L.) Sebast. & Mauri					1				G bulb	Stenomedit.	n	
Iridaceae	<i>Romulea columnae</i> Sebast. & Mauri					1				G bulb	W-Stenomedit.	n	
Iridaceae	<i>Romulea rosea</i> (L.) Eckl.					1				H scap	Eurasiat.	n	
Rosaceae	<i>Rosa canina</i> L.					1				NP	Europ.	n	
Rosaceae	<i>Rosa micrantha</i> Sm.					1				NP	W-Medit.-Mont.	n	
Poaceae	<i>Rostraria cristata</i> (L.) Tzelev					1				NP	Stenomedit.	n	
Poaceae	<i>Rostraria hispida</i> (Savi) Doğan					1				T scap	Subcosmop.	n	
Rubiaceae	<i>Rubia perigrina</i> L.	1	1	1	1	1				P lian	Stenomedit.	n	
Rubiaceae	<i>Rubia tinctorum</i> L.	1				1				NP	Stenomedit.	n	
Rosaceae	<i>Rubus acheruntinus</i> Ten.					1			1	NP	Stenomedit.	n	
Rosaceae	<i>Rubus ulmifolius</i> Schott					1			1	H scap	Circumbor.	n	
Polygonaceae	<i>Rumex bucephalophorus</i> L. subsp. <i>bucephalophorus</i>					1				T scap	Medit.-Macarones.	n	
Polygonaceae	<i>Rumex conglomeratus</i> Murray					1			1	H scap	Subcosmop.	n	
Polygonaceae	<i>Rumex crispus</i> L.					1				H scap	Subcosmop.	n	
Polygonaceae	<i>Rumex pulcher</i> subsp. <i>woodsii</i> (De Not.) Arcang.					1			1	H scap	Eurimedit.	n	
Polygonaceae	<i>Rumex spinosus</i> L.					1				T scap	Eurimedit.-Macaron.	n	
Polygonaceae	<i>Rumex thyrsoides</i> Desf.					1				H scap	W-Stenomedit.	n	
Ruscaceae	<i>Ruscus hypoglossum</i> L.	1				1				Ch frut	Eurimedit.	n	
Scrophulariaceae	<i>Russelia equisetiformis</i> Schtdl. & Cham.			1						Ch frut	S Amer.	a	
Rutaceae	<i>Ruta chalepensis</i> L.					1				Ch suffr	S-Stenomedit.	n	
Caryophyllaceae	<i>Sabulina tenuifolia</i> (L.) Rchb. subsp. <i>tenuifolia</i>					1				T scap	Paleotemp.	n	
Caryophyllaceae	<i>Sabulina verna</i> subsp. <i>grandiflora</i> (C. Presl) Dillenb. & Kaderleit					1				Ch suffr	Subendem.	n	
Caryophyllaceae	<i>Sagina apetala</i> Ard. subsp. <i>apetala</i>									1	T scap	Eurimedit.	n
Caryophyllaceae	<i>Sagina procumbens</i> L.			1		1				H caesp	Subcosmop.	n	
Salicaceae	<i>Salix alba</i> L.								1	P caesp	Europ.	n	
Salicaceae	<i>Salix pedicellata</i> Desf.								1	P caesp	Stenomedit.	n	
Solanaceae	<i>Salpichroa origanifolia</i> (Lam.) Baill.			1	1	1				T scap	Paleotemp.	n	
Chenopodiaceae	<i>Salsola kali</i> L.									1	T scap	Paleotemp.	n
Lamiaceae	<i>Salvia verbenaca</i> L.					1				H scap	Stenomedit.-Atl.	n	
Primulaceae	<i>Samolus valerandi</i> L.					1				H scap	Paleotemp.	n	
Saxifragaceae	<i>Saxifraga bulbifera</i> L.					1		1		H scap	NE-Stenomedit.	n	
Saxifragaceae	<i>Saxifraga triadactylites</i> L.					1				T scap	Eurimedit.	n	
Cyperaceae	<i>Schoenus nigricans</i> L.								1	G bulb	Eurimedit.	n	
Cyperaceae	<i>Scirpoides holoschoenus</i> (L.) Soják								1	G rhiz	Eurimedit.	n	
Asteraceae	<i>Scolymus grandiflorus</i> Desf.					1				H bienne	Eurimedit.	n	
Asteraceae	<i>Scolymus hispanicus</i> L. subsp. <i>hispanicus</i>					1				1	T scap	S-Stenomedit.	n
Fabaceae	<i>Scorpiurus muricatus</i> L.					1				G bulb	SW-Stenomedit.	n	
Asteraceae	<i>Scorzonera hirsuta</i> (Gouan) L.					1				G rhiz	NW-Stenomedit.	n	
Asteraceae	<i>Scorzonera undulata</i> subsp. <i>deliciosa</i> (DC.) Maire					1				H scap	NW-Stenomedit.	n	
Scrophulariaceae	<i>Scrophularia auriculata</i> L. subsp. <i>auriculata</i>			1	1	1				H scap	Eurimedit.	n	
Scrophulariaceae	<i>Scrophularia canina</i> L.			1	1	1				H scap	Eurimedit.	n	
Scrophulariaceae	<i>Scrophularia peregrina</i> L.	1	1	1	1	1				H scap	Eurasiat.	n	
Lamiaceae	<i>Scutellaria columnae</i> All. subsp. <i>columnae</i>					1				H scap	NW-Medit.-Mont.	n	
Crassulaceae	<i>Sedum album</i> L. subsp. <i>album</i>			1	1	1	1	1		Ch succ	Eurimedit.	n	
Crassulaceae	<i>Sedum caeruleum</i> L.			1	1	1	1	1		Ch succ	Eurimedit.	n	
Crassulaceae	<i>Sedum caespitosum</i> (Cav.) DC.			1	1	1	1	1		T scap	Eurimedit.-Atl.	n	
Crassulaceae	<i>Sedum dasyphyllum</i> L. subsp. <i>dasyphyllum</i>	1	1	1	1	1	1	1		Ch succ	Eurimedit.	n	
Crassulaceae	<i>Sedum rubens</i> L.			1	1	1	1	1		Ch succ	Stenomedit.	n	

Selaginellaceae	<i>Selaginella denticulata</i> (L.) Spring			1							Ch rept	Stenomedit.	n
Asteraceae	<i>Senecio angulatus</i> L. f.					1				Ch frut	S Africa	a	
Asteraceae	<i>Senecio leucanthemifolius</i> Pair. subsp. <i>leucanthemifolius</i>					1	1	1		T scap	E-Medit.	n	
Asteraceae	<i>Senecio lividus</i> L.	1	1	1	1	1				Ch suffr	Stenomedit.	n	
Asteraceae	<i>Senecio vulgaris</i> L. subsp. <i>vulgaris</i>	1	1	1	1	1				T scap	Eurimedit.	n	
Orchidaceae	<i>Serapias vomeracea</i> (Burm. f.) Briq.					1				G bulb	Eurimedit.	n	
Pedaliaceae	<i>Sesamum indicum</i> L.					1				T scap	India	a	
Apiaceae	<i>Setzeli bocconai</i> Gus.								1	H scap	Endem. Sic.	n	
Poaceae	<i>Setaria adhaerens</i> (Forssk.) Chiov.					1	1	1		H caesp	Africa	a	
Poaceae	<i>Setaria italica</i> subsp. <i>viridis</i> (L.) Thell.	1				1	1	1		T scap	Eurimedit.	n	
Poaceae	<i>Setaria parviflora</i> (Poir.) Kerguelen					1	1	1		T scap	Africa	a	
Poaceae	<i>Setaria pumila</i> (Poir.) Roem. & Schult.					1	1	1		T scap	Subtrop.	n	
Poaceae	<i>Setaria verticillata</i> (L.) P. Beauv.					1	1	1		T scap	Subtrop.	n	
Rubiaceae	<i>Sherardia arvensis</i> L.	1	1	1	1	1				H scap	Subtrop.	n	
Caryophyllaceae	<i>Silene colorata</i> Poir.					1				T scap	Paleotemp.	n	
Caryophyllaceae	<i>Silene crassiuscula</i> Brullo & al.					1	1	1		1	T scap	Endem. Sic.	n
Caryophyllaceae	<i>Silene cretica</i> L.					1				T scap	S-Stenomedit.	n	
Caryophyllaceae	<i>Silene diversifolia</i> Otth					1				Ch suffr	NE-Medit.-Mont.	n	
Caryophyllaceae	<i>Silene fruticosa</i> L.					1				T scap	Stenomedit.	n	
Caryophyllaceae	<i>Silene fuscata</i> Brot.					1				T scap	Eurimedit.	n	
Caryophyllaceae	<i>Silene gallica</i> L.					1				H ros	Eurimedit.	n	
Caryophyllaceae	<i>Silene latifolia</i> Poir.					1				H bienne	Stenomedit.	n	
Caryophyllaceae	<i>Silene niceensis</i> All.					1				1	T scap	Eurosib.	n
Caryophyllaceae	<i>Silene nocturna</i> L. subsp. <i>nocturna</i>	1				1				T scap	Medit.	n	
Caryophyllaceae	<i>Silene sedoides</i> Pair. subsp. <i>sedoides</i>					1				H ros	Stenomedit.	n	
Caryophyllaceae	<i>Silene vulgaris</i> (Moench) Garcke subsp. <i>vulgaris</i>					1				H bienne	Eurimedit.-Turam.	n	
Asteraceae	<i>Silybum marianum</i> (L.) Gaertn.					1				T scap	E-Medit.	n	
Brassicaceae	<i>Sinapis alba</i> L. subsp. <i>alba</i>					1				T scap	Stenomedit.	n	
Brassicaceae	<i>Sinapis arvensis</i> L. subsp. <i>arvensis</i>					1				T scap	Stenomedit.	n	
Brassicaceae	<i>Sinapis pubescens</i> L. subsp. <i>pubescens</i>					1				Ch suffr	SW-Stenomedit.	n	
Brassicaceae	<i>Sisymbrium erysimoides</i> Desf.					1	1	1		T scap	S-Medit.-Africa	n	
Brassicaceae	<i>Sisymbrium irio</i> L.					1	1	1		T scap	Paleotemp.	n	
Brassicaceae	<i>Sisymbrium officinale</i> (L.) Scop.					1	1	1		1	T scap	Eurimedit.	n
Brassicaceae	<i>Sisymbrium orientale</i> L.					1	1	1		T scap	Eurimedit.	n	
Dipsacaceae	<i>Sixalix atropurpurea</i> (L.) Greuter & Burdet					1				NP	Subtrop.	n	
Smilacaceae	<i>Smilax aspera</i> L.					1				H bienne	Eurimedit.-Subat.	n	
Apiaceae	<i>Smyrniolus olusatrum</i> L.	1				1	1	1		H bienne	Eurimedit.	n	
Umbelliferae	<i>Smyrniolus perfoliatum</i> subsp. <i>rotundifolium</i> (Mill.) Bonnier & Lavens					1	1	1		H bienne	S-Stenomedit.	n	
Solanaceae	<i>Solanum banariense</i> L.					1	1	1		NP	S Amer.	a	
Solanaceae	<i>Solanum dulcamara</i> L.								1	H scap	S Africa	a	
Solanaceae	<i>Solanum linnaeanum</i> Pepper & P.-M.L. Jaeger					1	1	1		H scap	S Amer.	a	
Solanaceae	<i>Solanum lycopersicum</i> L.					1	1	1		1	T scap	America	a
Solanaceae	<i>Solanum nigrum</i> L.	1	1	1	1	1	1	1		H scap	S Amer.	a	
Solanaceae	<i>Solanum pseudocapsicum</i> L.									NP	Brazil	a	
Solanaceae	<i>Solanum villosum</i> Mill.					1	1	1		T scap	Cosmopol.	a	
Asteraceae	<i>Sonchus asper</i> (L.) Hill subsp. <i>asper</i>	1	1	1	1	1	1	1		T scap	Eurasiat.	n	
Asteraceae	<i>Sonchus bulbosus</i> (L.) N.Kilian & Greuter subsp. <i>bulbosus</i>	1				1	1	1		H ros	Medit.	n	
Asteraceae	<i>Sonchus maritimus</i> L.					1	1	1		1	T scap	Eurasiat.	n

Asteraceae	<i>Sanchus oleraceus</i> L.		1	1	1	1	1				T scap	Stenomedit.	n
Asteraceae	<i>Sanchus tenerimus</i> L.		1	1	1	1	1				T scap	Stenomedit.	n
Fabaceae	<i>Spartium junceum</i> L.					1	1				T scap	Subcosmog.	n
Caryophyllaceae	<i>Spergularia diandra</i> (Guss.) Boiss.						1				T scap	S-Stenomedit.	n
Caryophyllaceae	<i>Spergularia rubra</i> (L.) J. Presl & C. Presl						1			1	T scap	Subcosmog.	n
Poaceae	<i>Sporobolus schoenoides</i> (L.) P.M.Peterson						1				T scap	Subtrop.	n
Lamiaceae	<i>Stachys arvensis</i> (L.) L.						1				H scap	Eurimit.	n
Lamiaceae	<i>Stachys major</i> (L.) Bartolucci & Peruzzi		1				1				Ch frut	Stenomedit.	n
Lamiaceae	<i>Stachys romana</i> (L.) E.H.L.Krause						1				T scap	Stenomedit.	n
Caryophyllaceae	<i>Stellaria media</i> (L.) Vill. subsp. <i>media</i>		1			1	1				T scap	Cosmog.	n
Caryophyllaceae	<i>Stellaria neglecta</i> Weihe subsp. <i>neglecta</i>					1	1				T scap	Paleotemp.	n
Amariyllidaceae	<i>Sternbergia lutea</i> Spreng.										G bulb	Medit.-Mont.	n
Poaceae	<i>Stipellula capensis</i> (Thunb.) Röser & H.R.Hamasha				1	1	1				T scap	Stenomedit.	n
Potamogetonaceae	<i>Stuckenia pectinata</i> (L.) Börner									1	I rad	Subcosmog.	n
Fabaceae	<i>Sulla coronaria</i> (L.) Medik.						1				H scap	W-Stenomedit.	n
Asteraceae	<i>Symphitrichum squamatum</i> (Spreng.) G. L. Nesom				1	1	1			1	T scap	S Amer.	a
Boraginaceae	<i>Symphytum bulbosum</i> K. F.Schimp.						1				G rhiz	SE-Europ.	n
Boraginaceae	<i>Symphytum tuberosum</i> subsp. <i>angustifolium</i> (A.Kern.) Nyman						1				G rhiz	S-Europ.	n
Asteraceae	<i>Tagetes erecta</i> L.					1					T scap	S Amer.	a
Talinaceae	<i>Talinum paniculatum</i> (Jacq.) Gaertn.				1						T scap	America trop.	a
Tamaricaceae	<i>Tamarix africana</i> Poir.						1				P caesp	W-Stenomedit.	n
Tamaricaceae	<i>Tamarix canariensis</i> Willd.						1				P caesp	E-Medit.	n
Tamaricaceae	<i>Tamarix gallica</i> L.						1				P caesp	E-Medit.	n
Bigoniaceae	<i>Tecomaria capensis</i> (Thunb.) Spach		1								P lian	S Africa	a
Lamiaceae	<i>Teucrium campanulatum</i> L.						1				H scap	W-Stenomedit.	n
Lamiaceae	<i>Teucrium chamaedrys</i> L. subsp. <i>chamaedrys</i>						1				Ch frut	Stenomedit.	n
Lamiaceae	<i>Teucrium flavum</i> L. subsp. <i>flavum</i>						1				Ch suffr	Onof. S-Europ.	n
Lamiaceae	<i>Teucrium fruticosum</i> L. subsp. <i>fruticosum</i>						1				Ch suffr	Stenomedit.	n
Lamiaceae	<i>Teucrium scordium</i> subsp. <i>scordoides</i> (Schreb.) Arcang.						1				T scap	SW-Stenomedit.	n
Lamiaceae	<i>Teucrium siculum</i> (Raf.) Guss. subsp. <i>siculum</i>						1				H scap	Endem.	n
Ranunculaceae	<i>Thalictrum calabricum</i> Spreng.						1				T scap	Stenomedit.	n
Apiaceae	<i>Thapsia asclepium</i> L.						1				T scap	Stenomedit.	n
Apiaceae	<i>Thapsia garganica</i> L. subsp. <i>garganica</i>						1				H scap	S-Stenomedit.	n
Theligonaceae	<i>Theligonum cynocrambe</i> L.						1				H scap	Onof. SE-Europ.	n
Santalaceae	<i>Thesium humile</i> Vahl						1				T scap	Stenomedit.	n
Poaceae	<i>Thinopyrum elongatum</i> (Host) D.R.Dewey.						1				H caesp	Eurimit.	n
Poaceae	<i>Thinopyrum flaccidifolium</i> (Boiss. & Heldr.) Moustakas						1				G rhiz	Subcosmog.	n
Poaceae	<i>Thinopyrum junceum</i> (L.) A.Löve						1				G rhiz	Eurimit.	n
Lamiaceae	<i>Thymbra capitata</i> (L.) Cav.						1				Ch rept	Eurimit.	n
Thymelaeaceae	<i>Thymelaea gussonei</i> Boreau						1				T scap	Eurimit.	n
Thymelaeaceae	<i>Thymelaea hirsuta</i> (L.) Endl.						1				NP	S-Stenomedit.	n
Asteraceae	<i>Tolpis virgata</i> (Desf.) Bertol. subsp. <i>virgata</i>						1				T scap	Eurimit.	n
Apiaceae	<i>Torilis japonica</i> (Houtt.) DC.						1				T scap	Asia	a
Apiaceae	<i>Torilis nodosa</i> (L.) Gaertn. subsp. <i>nodosa</i>		1			1	1				T scap	Eurimit.-Turan.	n
Apiaceae	<i>Torilis nodosa</i> subsp. <i>webbii</i> (Jury) Kerguelen						1				T scap	Eurimit.-Turan.	n
Campanulaceae	<i>Trachelium caeruleum</i> L. subsp. <i>caeruleum</i>		1							1	Ch suffr	Endem. Sic.	n
Commelinaceae	<i>Tradescantia fluminensis</i> Vell.						1	1	1		Ch rept	America	a
Commelinaceae	<i>Tradescantia pallida</i> (Rose) D. R. Hunt					1					Ch rept	America	a

Asteraceae	<i>Tragopogon cupanii</i> DC.						1				T scap	Eurimit.	n
Asteraceae	<i>Tragopogon porrifolius</i> L.						1				H bienne	Eurimit.	n
Poaceae	<i>Tragus racemosus</i> (L.) All.				1	1	1				H caesp	Saharo-Sind.	n
Zygophyllaceae	<i>Tribulus terrestris</i> L.		1				1				T scap	E-Stenomedit.	n
Fabaceae	<i>Trifolium angustifolium</i> L. subsp. <i>angustifolium</i>						1				H scap	Stenomedit.	n
Fabaceae	<i>Trifolium arvense</i> L. subsp. <i>arvense</i>						1				T scap	Stenomedit.	n
Fabaceae	<i>Trifolium campestre</i> Schreb.				1	1	1				T scap	Eurimit.	n
Fabaceae	<i>Trifolium cherleri</i> L.						1				T scap	S-Europ.-Cauc.	n
Fabaceae	<i>Trifolium fragiferum</i> L. subsp. <i>fragiferum</i>						1				T scap	Eurimit.	n
Fabaceae	<i>Trifolium glomeratum</i> L.						1				T scap	Eurimit.	n
Fabaceae	<i>Trifolium incarnatum</i> subsp. <i>molinerii</i> (Hornem.) Ces.						1				T scap	E-Stenomedit.	n
Fabaceae	<i>Trifolium lappaceum</i> L.						1				T scap	Stenomedit.	n
Fabaceae	<i>Trifolium nigrescens</i> Viv. subsp. <i>nigrescens</i>						1				T scap	Eurimit.	n
Fabaceae	<i>Trifolium phleoides</i> Willd.						1				H scap	Euroisb.	n
Fabaceae	<i>Trifolium physodes</i> M. Bieb.						1				H scap	C-Medit.	n
Fabaceae	<i>Trifolium pratense</i> L. subsp. <i>pratense</i>						1				H rept	Medit.	n
Fabaceae	<i>Trifolium repens</i> L.						1				T rept	Medit.	n
Fabaceae	<i>Trifolium resupinatum</i> L.						1				T rept	Eurimit.	n
Fabaceae	<i>Trifolium scabrum</i> L.						1				T scap	Eurimit.	n
Fabaceae	<i>Trifolium squamosum</i> L.						1				T scap	Paleotemp.	n
Fabaceae	<i>Trifolium squarrosum</i> L.						1				T scap	Paleotemp.	n
Fabaceae	<i>Trifolium stellatum</i> L.				1	1	1				T scap	Paleotemp.	n
Fabaceae	<i>Trifolium subterraneum</i> L. subsp. <i>subterraneum</i>						1				T rept	Paleotemp.	n
Fabaceae	<i>Trifolium tomentosum</i> L.						1				G bulb	W-Stenomedit.	n
Fabaceae	<i>Trigonella elegans</i> (Ser.) Coulot & Rabaute						1				T scap	S-Stenomedit.	n
Fabaceae	<i>Trigonella esculenta</i> Willd.						1				T scap	Stenomedit.	n
Fabaceae	<i>Trigonella infesta</i> (Guss.) Coulot & Rabaute						1				T scap	Stenomedit.	n
Fabaceae	<i>Trigonella italica</i> (L.) Coulot & Rabaute						1				T scap	N-Stenomedit.	n
Fabaceae	<i>Trigonella segetalis</i> (Brot.) Coulot & Rabaute				1	1	1				T scap	S-Stenomedit.	n
Fabaceae	<i>Trigonella smalii</i> Coulot & Rabaute						1				T scap	Eurimit.-Turan.	n
Fabaceae	<i>Trigonella sulcata</i> (Desf.) Coulot & Rabaute						1				T scap	Stenomedit.	n
Fabaceae	<i>Trigonella sulcata</i> (Desf.) Coulot & Rabaute		1			1	1				T scap	S-Stenomedit.	n
Fabaceae	<i>Tripodion tetraphyllum</i> (L.) Fourr.						1				T scap	Stenomedit.	n
Poaceae	<i>Trisetaria aurea</i> (Ten.) Pignatti				1	1	1				T scap	SW-Stenomedit.	n
Poaceae	<i>Trisetaria segetum</i> (Savi) Soldano						1				H caesp	Eurasiat.	n
Poaceae	<i>Triticum neglectum</i> (Bertol.) Greuter				1	1	1				T scap	Eurimit.-Turan.	n
Poaceae	<i>Triticum vagans</i> (Jord. & Fourr.) Greuter				1	1	1				T scap	Stenomedit.-Turan.	n
Poaceae	<i>Triticum ventricosum</i> (Tausch) Ces., Pass. & Gibelli				1	1	1				T scap	W-Stenomedit.	n
Tropeolaceae	<i>Tropaeolum majus</i> L.						1				T rept	C America	a
Typhaceae	<i>Typha angustifolia</i> L.									1	G rhiz	Circumbor.	n
Typhaceae	<i>Typha latifolia</i> L.									1	G rhiz	Cosmog.	n
Crassulaceae	<i>Umbilicus horizontalis</i> (Guss.) DC.		1	1						1	G bulb	Stenomedit.	n
Crassulaceae	<i>Umbilicus rupestris</i> (Salisb.) Dandy		1	1						1	H scap	Eurimit.	n
Asteraceae	<i>Urospermum dalechampii</i> (L.) F.W.Schmidt		1			1	1	1			H scap	Subcosmog.	n
Asteraceae	<i>Urospermum picroides</i> F. W. Schmidt						1				T scap	S-Stenomedit.	n
Urticaceae	<i>Urtica dioica</i> L. subsp. <i>dioica</i>				1	1	1	1			T scap	S-Stenomedit.	n
Urticaceae	<i>Urtica membranacea</i> Poir.		1	1		1	1	1			T scap	S-Stenomedit.	n
Urticaceae	<i>Urtica urens</i> L.						1	1			T scap	Subcosmog.	n

Fabaceae	<i>Vachellia farnesiana</i> (L.) Wight & Arn.					1				P scap	Australia	2
Fabaceae	<i>Vachellia karroo</i> (Hayne) Banfi & Galasso				1	1				P scap	Australia	2
Rubiaceae	<i>Valantia muralis</i> L.		1					1		H scap	Eurimedit.	n
Valerianaceae	<i>Valerianella coronata</i> (L.) DC.							1		T scap	Subatlant.	n
Valerianaceae	<i>Valerianella dentata</i> (L.) Pollich							1		T scap	Stenomedit.	n
Valerianaceae	<i>Valerianella discoidea</i> (L.) Loisel							1		T scap	Eurimedit.	n
Valerianaceae	<i>Valerianella eriocarpa</i> Desv.							1		T scap	Stenomedit.	n
Valerianaceae	<i>Valerianella microcarpa</i> Loisel							1		T scap	Stenomedit.	n
Valerianaceae	<i>Valerianella puberula</i> (Guss.) DC.							1		T scap	Eurimedit.-Turan.	n
Scrophulariaceae	<i>Verbascum craticum</i> (L.) Kuntze							1		H bienne	S- & C-Europ.	n
Scrophulariaceae	<i>Verbascum sinuatum</i> L.	1	1	1	1	1		1		H scap	Paleotemp.	n
Scrophulariaceae	<i>Verbascum thapsus</i> L. subsp. <i>thapsus</i>							1		T scap	Stenomedit.	n
Verbenaceae	<i>Verbena banariensis</i> L.							1		H scap	S Amer.	2
Verbenaceae	<i>Verbena officinalis</i> L.							1		T scap	Europ.	n
Scrophulariaceae	<i>Veronica agrastis</i> L.							1		H scap	Cosmopol.	n
Scrophulariaceae	<i>Veronica anagallis-aquatica</i> L. subsp. <i>anagallis-aquatica</i>								1	T scap	Eurimedit.	n
Scrophulariaceae	<i>Veronica arvensis</i> L.							1		T scap	Eurimedit.	n
Scrophulariaceae	<i>Veronica cymbalaria</i> Bodard subsp. <i>cymbalaria</i>	1	1	1	1	1		1		H rept	Europ.	n
Scrophulariaceae	<i>Veronica cymbalaria</i> subsp. <i>panormitana</i> (Guss.) Nyman							1		T scap	Paleotemp.	n
Scrophulariaceae	<i>Veronica hederifolia</i> L.	1	1	1	1	1		1		H rept	Eurasiat.	n
Scrophulariaceae	<i>Veronica persica</i> Poir.							1	1	T scap	Europ.	n
Scrophulariaceae	<i>Veronica polita</i> Fr.							1	1	H rept	Eurasiat.	n
Scrophulariaceae	<i>Veronica trichadena</i> Jord. & Fourr.			1						H scap	W-Stenomedit.	n
Caprifoliaceae	<i>Viburnum tinus</i> L. subsp. <i>tinus</i>	1						1		P caesp	Medit.	n
Fabaceae	<i>Vicia angustifolia</i> L.							1		T scap	Eurimedit.-Turan.	n
Fabaceae	<i>Vicia benghalensis</i> L.							1		T scap	S-Stenomedit.	n
Fabaceae	<i>Vicia bithynica</i> (L.) L.							1		T scap	Eurasiat.	n
Fabaceae	<i>Vicia hybrida</i> L.							1		H scap	E-Medit.	n
Fabaceae	<i>Vicia lathyroides</i> L.							1		T scap	SW-Stenomedit.	n
Fabaceae	<i>Vicia macrocarpa</i> (Moris) Bertol.							1		T scap	Eurimedit.-Turan.	n
Fabaceae	<i>Vicia monantha</i> Retz.							1		H scap	Eurimedit.	n
Fabaceae	<i>Vicia narbanensis</i> L.							1		T scap	Eurimedit.-Turan.	n
Fabaceae	<i>Vicia ochroleuca</i> Ten. subsp. <i>ochroleuca</i>							1		T scap	Medit.	n
Fabaceae	<i>Vicia sativa</i> L.	1						1		T scap	Eurimedit.-Turan.	n
Fabaceae	<i>Vicia saxatilis</i> (Vent.) Tropea							1		T scap	Eurimedit.	n
Fabaceae	<i>Vicia villosa</i> Roth							1		T scap	Eurimedit.-Turan.	n
Violaceae	<i>Viola odorata</i> L.	1						1		H ros	Eurimedit.	n
Verbenaceae	<i>Vitex agnus-castus</i> L.							1	1	P caesp	Eurimedit.-Turan.	n
Arecaceae	<i>Washingtonia filifera</i> (Andr� de Bary			1	1	1				P scap	N-Amer.	2
Arecaceae	<i>Washingtonia robusta</i> H. Wendl.			1	1	1				P scap	Mexico	2
Solanaceae	<i>Withania somnifera</i> (L.) Dunal	1						1		NP	Paleosubtrop.	n
Asteraceae	<i>Xanthium strumarium</i> L. subsp. <i>strumarium</i>							1		T scap	America	2
Asteraceae	<i>Zinnia elegans</i> Jacq.							1		T scap	Mexico	2
Rhamnaceae	<i>Ziziphus lotus</i> (L.) Lam. subsp. <i>lotus</i>							1		P caesp	Eurimedit.	n

Figure 1. The study area including the city center of Palermo and the townships of Mondello and Sferracavallo.

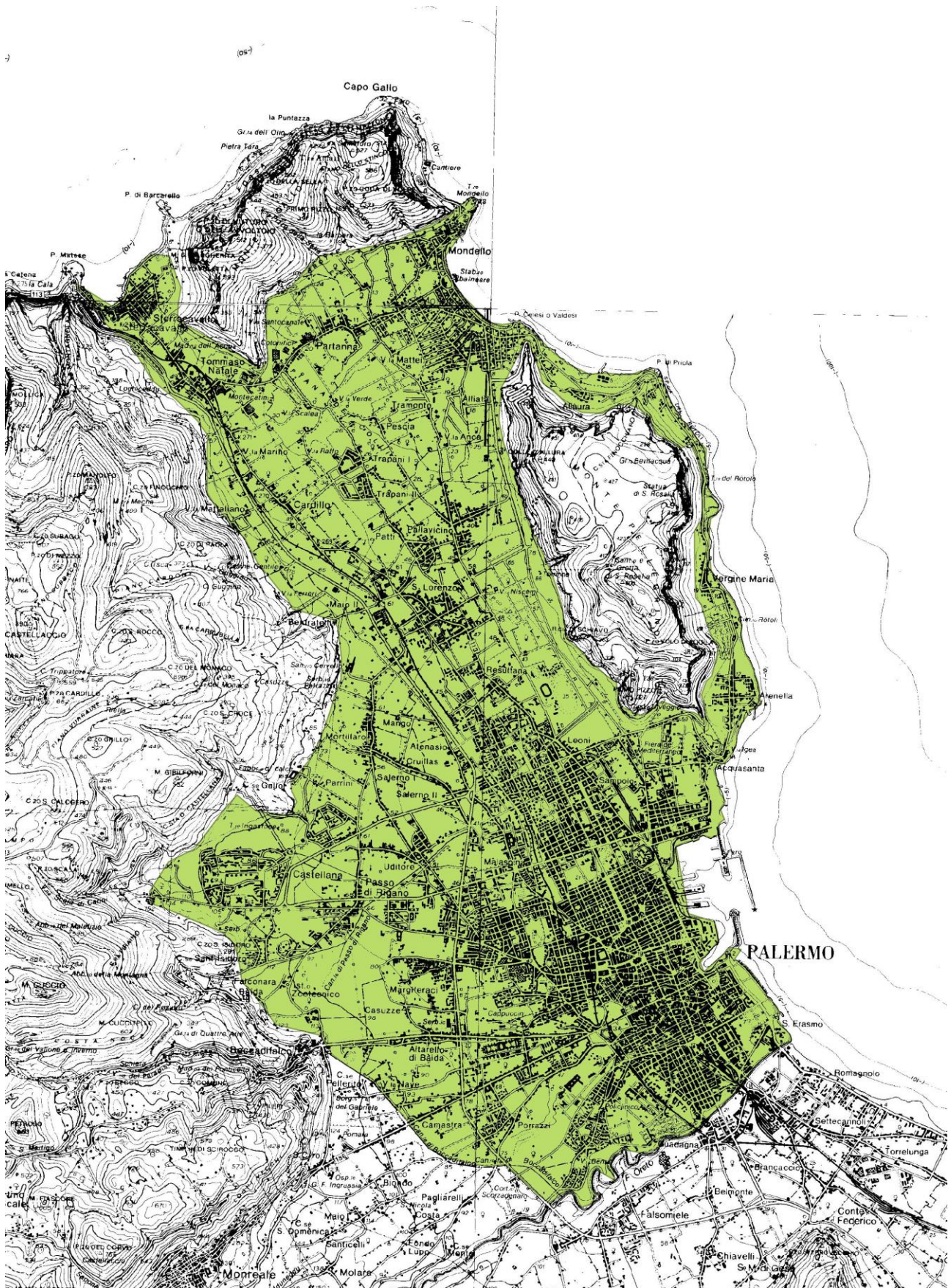


Figure 2. Biological spectrum of the investigated flora.

Biological forms	no.	%
Chamaephytes	61	5,80
Geophytes	114	10,85
Hemicriptophytes	242	23,03
Helophytes	2	0,19
Hydrophytes	9	0,86
Nano-Phanerophytes	30	2,85
Phanerophytes	105	9,99
Therophytes	488	46,43
TOT	1051	100,00

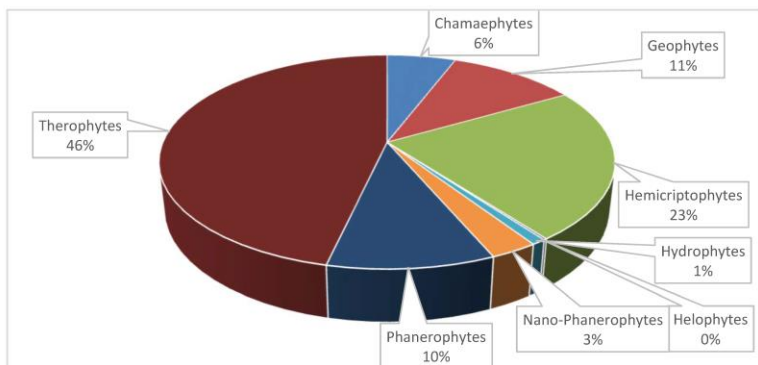


Figure 3. Chorological spectrum of the investigated flora.

Chorotype	no.	%
Endemic Sic.	13	1,24
Subendemic	26	2,47
Boreal	53	5,04
Cosmopolitan	219	20,84
Mediterranean	477	45,39
Southern	98	9,32
Western	85	8,09
Eastern	119	11,32
TOT	1051	100,00

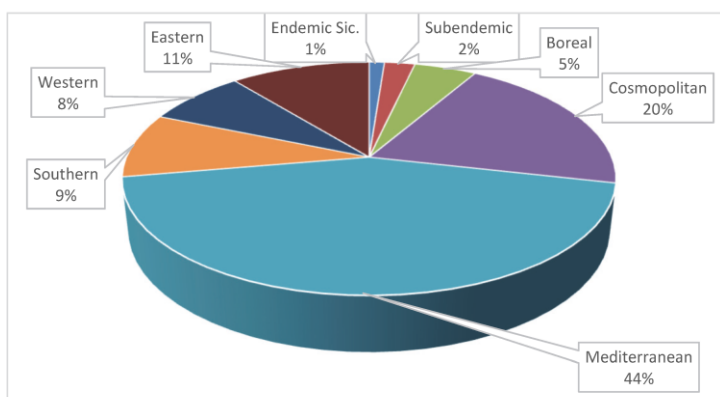


Table 1. Most represented families and genera in the flora of Palermo.

Family	Genera	Species & Subspecies	
Poaceae	63	143	<i>Euphorbia</i>
Asteraceae	59	116	<i>Trifolium</i>
Fabaceae	30	115	<i>Medicago</i>
Brassicaceae	21	43	<i>Lathyrus</i>
Caryophyllaceae	12	33	<i>Orobanche</i>
Euphorbiaceae	4	23	<i>Silene</i>
Solanaceae	10	20	<i>Vicia</i>
Orobanchaceae	2	16	<i>Lotus</i>
Asparagaceae	6	14	<i>Amaranthus</i>
Amaryllidaceae	5	13	<i>Allium, Ce</i>

Table 2. Taxa no longer found in the territory of Palermo, their localities and bibliographic references.

Taxon	Locality	Reference
<i>Allium amethystinum</i> Tausch.	Oreto river (SE of the city)	Lojacono (1909)
<i>Allium vernale</i> Tineo	Mondello (N of the city)	Gussone (1832)
<i>Alopecurus bulbosus</i> Gouan subsp. <i>bulbosus</i>	Mondello (N of the city)	Gussone (1827)
<i>Althaea officinalis</i> L.	City center; Mondello (N of the city)	Gussone (1828); Lojacono (1889)
<i>Anchusa hybrida</i> Ten.,	Arenella and Vergine Maria (N of the city)	Gussone (1843)
<i>Artemisia campestris</i> subsp. <i>variabilis</i> (Ten.) Greuter	Mondello (N of the city)	Lojacono (1903)
<i>Cachrys sicula</i> L.	Vergine Maria and Mondello (N of the city)	Gussone (1843)
<i>Callitriche brutia</i> Petagna	Mondello (N of the city)	Gussone (1827)
<i>Callitriche truncata</i> Guss. subsp. <i>truncata</i>	Arenella and Vergine Maria (N of the city)	Lojacono (1904)
<i>Chrysanthemoides monilifera</i> (L.) Norl.	Mondello (N of the city)	Lojacono (1903)
<i>Cyperus longus</i> L.	Oreto river (SE of the city)	Gussone (1827); Lojacono (1909)
<i>Descurainia sophia</i> (L.) Webb ex Prantl	Oreto river (SE of the city)	Gussone (1834)
<i>Echium arenarium</i> Guss.,	Vergine Maria (N of the city)	Lojacono (1904)
<i>Elatine macropoda</i> Guss.	Mondello (N of the city)	Gussone (1843)
<i>Humulus lupulus</i> L.	Porrazzi (SW of the city)	Gussone (1845)
<i>Hypericum pubescens</i> Boiss.	Mondello (N of the city)	Lojacono (1889)
<i>Ipomoea sagittata</i> Poir.	Mondello (N of the city)	Lojacono (1904)
<i>Isolepis cernua</i> (Vahl) Roem. & Schult.	Mondello (N of the city)	Lojacono (1909)
<i>Juncus acutiflorus</i> Ehrh. ex Hoffm.	Roccazzo (W of the city)	Gussone (1827, 1845)
<i>Myosotis sylvatica</i> subsp. <i>subarvensis</i> Grau	Mondello (N of the city)	Lojacono (1904)
<i>Nanozostera noltei</i> (Hornem.) Toml. & Posl.	Mondello (N of the city)	Lojacono (1909)
<i>Plantago humilis</i> Guss.	Seashore	Gussone (1843)
<i>Potamogeton pusillus</i> L.	Oreto river (SE of the city)	Gussone (1827)
<i>Rumex palustris</i> Sm.	Boccadifalco (W of the city)	Lojacono (1904)
<i>Solenopsis bivonae</i> (Tineo) M.B.Crespo, Serra & Juan	Guadagna (S of the city); Mondello (N of the city); city center	Gussone (1827); Lojacono (1903)
<i>Solenopsis laurentia</i> (L.) C. Presl	Mondello (N of the city)	Tineo (1827); Todaro (1873)
<i>Sucowia balearica</i> (L.) Medik.	Palermo	Gussone (1828)
<i>Tillaea vaillantii</i> Willd.	Mondello (N of the city)	Gussone (1843)