

UDC 582(497.5 Murter)

## FLORA OF THE ISLAND OF MURTER (CENTRAL ADRIATIC)

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The flora of the island of Murter (the Šibenik group of islands) in the central Adriatic Sea has not yet been explored. In the last five years, taxonomic research has been performed during which, in total, 591 plant taxa (557 species, 24 subspecies, 6 varieties and 4 forms), 360 genera and 88 families have been registered, including an additional 143 cultivated taxa. A total of 718 species have been recorded in this area for the first time. The families *Fabaceae* (66 species) and *Poaceae* (58 species) are the most abundantly represented.

**Key words:** island flora, taxonomy, Adriatic, Croatia

### Introduction

Murter is the biggest inhabited island of the Šibenik archipelago (Central Adriatic) with a surface of 17.9 km<sup>2</sup> (Rubić 1952). It extends in a NW to SE direction (Fig. 1). There are four settlements on the island: Murter, Betina, Tisno and Jezera, with 5 092 inhabitants in 1991. The island is low, the highest peak being 127 m above sea level. The island is well indented and surrounded by 28 smaller islands, 5 reefs and rocks and a lot of shallow water. The island is con-

structured of limestone and dolomites (MAMUŽIĆ et al. 1966). The polje of Murter and Betina is a very distinctive geological element in the North-Eastern part of the island. It is a plateau in the limestone – a part of the North Dalmatian plateau divided by a sequence of limestone cliffs (ROGLIĆ 1957).

As there is no meteorological station on Murter, the climatic data were taken for Šibenik and Sestrice Tajerske (Kornati) in the period from 1971 to 1980. According to the data of the Weather Service of the Republic of Croatia the annual air temperature varies from 14.9 °C in Šibenik to 15.9 °C in Sestrice Tajerske and the annual quantity of rainfall is 768.7 mm on Sestrice and 862 mm in Šibenik. The basic forest vegetation consists of holm oak (Class *Quercetea ilicis*, associations: *Myrto-Quercetum ilicis* Trinajstić (1976) 1985; *Orno-Quercetum ilicis* H-ić (1956) 1958.; *Quercu-Pinetum halepensis* Loisel 1971 and *Ostryo-Quercetum ilicis* Trinajstić (1965) 1974. A large part of the surface of the island of Murter is covered by olive groves, many of them overgrown by the association *Pistacio-Juniperetum phoeniceae* Trinajstić 1987.

According to the available literature the first data about the island of Murter derive from VISIANI (1842–1852) who recorded 14 species for the island of Murter. Later on, most botanists bypassed the island of Murter. In recent times, a locality for *Datura inoxia* Miller was recorded on the island of Murter (FRANJIĆ 1993).

During mapping of the vegetation of the Republic of Croatia, the island of Murter was analyzed by Mira Jindra-Runac, between 1966 and 1967 (ŠUGAR 1978).

### Methods

The species of plants, genera and families are stated in alphabetical order within the higher systematic units according to TAHTAJAN (1975). The nomenclature is adapted from HAYEK (1927-1933), TUTIN et al. (1964–1980), TRINAJSTIĆ (1967–1981), TRINAJSTIĆ (1975–1986) and PIGNATTI (1982). The cultivated species and families with cultivated species only are marked \*. Many of the cultivated species in the list spread spontaneously, and some of them have become permanent members of the flora of Murter. The species noted by Visiani and Franjić are especially indicated in the list of flora (abbreviation: Fr. = Franjić, Vis. = Visiani).

All taxa found on the island of Murter are listed in Table 1, with abbreviations of localities and sites being given. Localities are listed in the caption to Figure 1. Abbreviations of sites are as follows:

- A – in macchia
- B – in forests of Aleppo pine
- C – in garigue
- D – on grass
- E – on rocky ground
- F – in fields, gardens, vineyards, wheat fields, flower gardens
- G – on neglected and untilled soil (vineyard, olive-groves)
- H – ruderal vegetation sites (growing in rubble)
- I – by roads, paths, hedges

- J – in old houses and turrets  
 K – around houses and yards  
 L – in the fissures of stones, walls and in dry stone walls  
 M – in the fissures of rocks by the sea  
 N – in silty places by the sea  
 O – in sandy and pebbly places by the sea  
 P – on a swampy meadow and round its edges  
 R – in the sea around the island

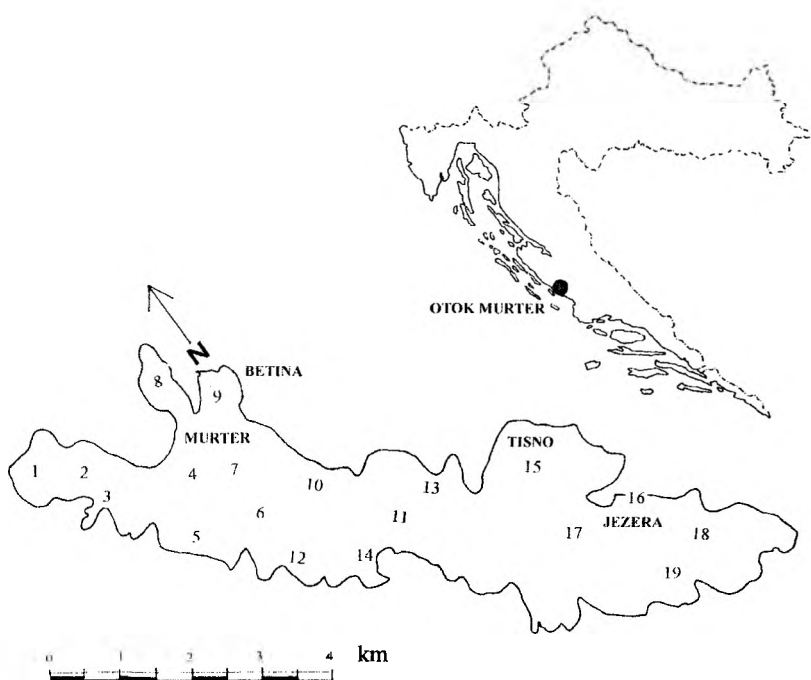


Fig. 1. Localities on the island of Murter where the research was carried out (1 – Crnikovac, 2 – Veli and Mali vrh, Vršak and Podvrške bay, 3 – Školjić and Lučica bay, 4 – settlement of Murter, 5 – Raduč and Podraduč, 6 – Sv. Roko and Hripe, 7 – Murter-Betina polje and Stare, 8 – Gradina and Zdrače bay, 9 – Betina, 10 – Plitka vala and Paši polje, 11 – Glavičina and along the Murter-Tisno road, 12 – Vučigrađa, Dolac and Tužbina with bays, 13 – Kokoč and Lovišća bay, 14 – Tužbina and Kosirina bay, 15 – Tisno, 16 – Jezera, Blato and “Lokve”, 17 – Koromašnja bay and Murtar, 18 – Mače, Jamina and Gušćica, 19 – Kamenar, Široka and Tripica.

## Results

The vascular plants of the island of Murter include 591 species (557 species, 24 subspecies, 6 varieties and 4 forms), 360 genera and 88 families. With the addition of 143 cultivated species, the flora of the island includes 734 taxa. In this study 718 species, all the cultivated and 557 plants growing wild have been listed (Tab. 1). In addition, 16 species were noted earlier. Eight species noted by

Visiani have not been confirmed: *Anthriscus cerefolium* (L.) Hoffm., *Carduus acicularis* Bertol., *Echium parviflorum* Moench, *Euphorbia lathyris* L., *Inula graveolens* Desf., *Potentilla cinerea* Chaix, *Teucrium marum* L., *Velezia rigida* L. The most numerous species were those belonging to the families *Fabaceae* (66 species, 11.17 %) and *Poaceae* (58 species, 9.81 %).

Twenty of the taxa, primarily cultivated, appear subspontaneously, as a part of the anthropogenic vegetation: *Alcea rosea* L.; *Amaranthus caudatus* L.; *Anethum graveolens* L.; *Antirrhinum majus* L.; *Armoracia rusticana* (Lam.) Gaertner; *Centranthus ruber* (L.) DC.; *Cercis siliquastrum* L.; *Eruca sativa* Miller; *Erysimum cheiri* (L.) Crantz; *Iris germanica* L.; *Kochia prostrata* (L.) Schrader; *Matthiola incana* (L.) R. Br.; *Opuntia ficus-indica* (L.) Miller; *Oxalis deppei* Lodd.; *Saponaria officinalis* L.; *Sorbus domestica* L.; *Tamarix dalmatica* Baum.; *T. gallica* L.; *Ulmus pinnato-ramosa* Dieck; *Vinca major* L.

The species *Anemone coronaria* L., is of Circum-Mediterranean origin and grows spontaneously on the polje of Murter and Betina, and is almost non-existent in the culture of the island.

Tab. 1. List of flora on the island Murter (eastern Adriatic). Abbreviations of localities are listed in Figure 1, while abbreviations of sites are listed in methods.

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## POLYPODIOPHYTA

### Aspleniaceae

*Asplenium ruta-muraria* L. - 4 L.

*A. trichomanes* L. - 4 L, 15 J.

*Ceterach officinarum* DC. - 1, 2, 5, 8, 9, 11 L, 4, 15 J, L.

## PINOPHYTA

### Cupressaceae

\**Cupressus sempervirens* L. f. *sempervirens* (Miller) - 4, 9, 15, 16 K.

\**C. sempervirens* L. f. *horizontalis* (Miller) Voss - 4 K.

*Juniperus oxycedrus* L. - 1 A, C, D, 2 C, D, E, 3 B, 5, 8, 11, 12 D, 16 A, C.

*J. phoenicea* L. - 1 A, 2, 3 D, 12, 14 D, E, 16 A, C, D.

\**Thuja orientalis* L. - 4 K.

### Ephedraceae

*Ephedra campylopoda* C. A. Meyer - 1, 6 D, L.

### Pinaceae

\**Abies nordmanniana* (Stefen) Spach - 4 K.

\**Cedrus atlantica* (Endl.) Carriere - 4, 15 K.

*Pinus halepensis* Miller - 1 A, B, C, 2, 3, 5, 8, 10, 12, 14 B, 4, 9 K, 9, 13 I.

\**P. pinaster* Aiton - 2, 4 K.

\**P. pinea* L. - 4 K, 10, 14 I.

## MAGNOLIOPHYTA - MAGNOLIATAE

### Aceraceae

*Acer monspessulanum* L. - 6, 11 A.

*\*Actinidaceae**\*Actinidia chinensis* Planch. – 4 F, K.*\*Aizoaceae**\*Carpobrothus edulis* (L.) N. E. Br. – 9 K, O.*Amaranthaceae**Amaranthus albus* L. – 9 I.*A. blitoides* S. Watson – 7 F, H.*A. caudatus* L. – 4, 16 F.*A. deflexus* L. – 4 F, H, I, K, 5 I, 7 F, 9 F, H, I, K, 15 F, K, 16 F, I, K.*A. graecizans* L. – 4 F, H, K, 7 F, 9 F, H, 15, 16 F, K.*A. lividus* L. – 16 F.*A. retroflexus* L. – 4 F, H, I, K, 7, 9 F, H, K, 15 F, 16 H, K.*Anacardiaceae**Cotinus coggygria* Scop. – 6 E.*Pistacia lentiscus* L. – 1 A, B, C, D, 2 B, D, 3, 5, 8 B, D, 11, 14, 18, 19 D.*P. terebinthus* L. – 1 A, C, 5 D, E, I, 6 E, I, 8 G, 9 D.*Apiaceae**Ammoides pusilla* (Brot.) Breistr. (= *Ptychotis ammoides* Koch) – 7 G, I.*Anethum graveolens* L. – 16 F.*Anthriscus cerefolium* (L.) Hoffm. – (Vis., 1852: 64)*\*Apium graveolens* L. – 4, 9, 15, 16 F.*Bupleurum lancifolium* Hornem. – 7 F.*B. veronense* Turra (= *B. baldense* Turra subsp. *gussonei* (Arcangeli) Tutin) – 2 D, G, 11 D.*Caucalis platycarpus* L. – 13 D.*Chaerophyllum coloratum* L. – 4 G, 7 F, G, 15 G.*Criethum maritimum* L. – 2, 3, 8, 9, 13, 14, 15, 17 M.*Daucus carota* L. – 2 C, D, F, G, H, I, 3 D, H, 4 D, F, G, 7 F, G, H, 9 F, 10 G, 15, F, H, 16 D, H.*Eryngium amethystinum* L. – 3 D, 7, 10 G, 11 D.*E. campestre* L. – 7 G, 8 I.*Foeniculum vulgare* Miller – 4 G, I, 11 D, I.*Oenanthe fistulosa* L. – 16 P.*Oe. silaifolia* Bieb. – 16 P.*\*Petroselinum crispum* (Miller) A. W. Hill. – 4, 9, 15, 16 F.*Peucedanum cervaria* (L.) Lapeyr – 2 D, G, I.*Scandix pecten-veneris* L. – 4 G, I, 7 H.*Seseli tommasinii* Reichenb. fil. – 2, 16 D.*S. tomentosum* Vis. – 1 C, 2 D, I, 11 I, 16 D.*S. tortuosum* L. – 13 I.*Tordylium apulum* L. – 4 G, I.*Torilis arvensis* (Hudson) Link – 4 G, 5 I.*T. nodosa* (L.) Gaertner – 4 G, I, 7 G.

## Apocynaceae

\**Nerium oleander* L. – 4, 9, 15, 16 K, 8 I.

*Vinca major* L. – 4, 5, 16 F, 9 F, H.

## Araliaceae

*Hedera helix* L. – 1 A, G, 10 G, 11 L.

## Aristolochiaceae

*Aristolochia rotunda* L. – 2, 4 D, I.

## Asclepiadaceae

*Cynanchum acutum* L. – 1 O.

*Vincetoxicum adriaticum* Beck – 4 D, 4, 14 M.

## Asteraceae

*Achillea collina* J. Becker in Reichenb. – 10 G, I.

\**Ageratum mexicanum* Simons – 4 F.

*Anthemis arvensis* L. – 4 F, G, I.

\**Artemisia absinthium* L. – 4, 9, 15, 16 F.

*A. caerulescens* L. – 4 N, O.

*A. vulgaris* L. – 4 F, K.

*Aster linosyris* (L.) Bernh. – 2 D, I.

*Bellis perennis* L. – 4, 10 D.

*B. sylvestris* Cyr. – 12, 17 D.

*Bidens subalternans* DC. – 4 F, I, 9 I, H, 15, 16 I.

*Calendula arvensis* L. – 4 F, G, H, I, 5, 15 F, 7, 16 F, G, 9 F, G, H, 10 H.

\**C. officinalis* L. – 4, 9, 15, 16 F.

*Carduus acicularis* Bertol. – (Vis., 1847: 48).

*C. micropterus* (Borb.) Teyber – 8, 10 D.

*C. pycnocephalus* L. – 4 H, I, K, 5 G, 7 I, 8 H, 10 G, I, K, 15, 16 K.

*Carlina corymbosa* L. – 4 G.

*Carthamus lanatus* L. – 4 D, G, 11 D.

*Centaurea angustifolia* Schrank – 2 D, I, 11 D.

*C. calcitrapa* L. – 15 G, I.

\**C. cyanus* L. – 9, 16 F.

*C. solstitialis* L. – 5 F.

*C. tommasinii* Kerner – 2 F, G, L, 11D, 14 G.

*Chamomilla recutita* (L.) Rauschert (= *Matricaria chamomilla* L.) – 4 F, I, K, 9K, 15, 16 I, 16 K.

\**Chrysanthemum coronarium* L. – 4, 9, 15, 16 F.

*Cirsium arvense* (L.) Scop. – 5, 9 F.

*C. vulgare* (Savi) Ten. (= *C. lanceolatum* (L.) Scop. non Hill.) – 7 G, I.

*Conyza bonariensis* (L.) Cronq. (= *Erigeron crispus* Pourr.) – 4 H, 7F, I, 9 G, H, I, 15 K, 16 F, H.

*C. canadensis* (L.) Cronq. (= *Erigeron canadensis* L.) – 9 F, H, I.

*Crupina crupinastrum* (Moris) Vis. – 11, 13 D, G, I.

\**Cynara scolymus* L. – 4, 9 F.

\**Dahlia variabilis* (Willd.) Desf. – 4, 9, 15, 16 F.

*Echinops ritro* L. – 1, 2, 3 M.

- Erigeron annuus* (L.) Pers. (= *Stenactis annua* Nees) – 9, 13 I.  
*Filago vulgaris* Lam. (= *F. germanica* L. non Hudson) – 2 D, 11 D, G, I,  
 11 D.  
 \**Helianthus annuus* L. – 4 F.  
 \**H. tuberosus* L. – 4, 9, 15, 16 F, K.  
*Helichrysum italicum* (Roth) G. Don, fil. – 1 D, 2 A, B, C, D, E, 3 B, C,  
 D, M, 4 D, E, I, 5 D, E, G, I, L, 6 D, E, L, 8 B, D, E, 9 D, 10 G, I, 11  
 G, D, I, 12 M, 16 D, E, J, 18, 19 D, E.  
*Inula britannica* L. – 16 P.  
*I. conyza* DC. – 4 D, I, 11 D.  
*I. crithmoides* L. – 2, 3, 4 M, 3 O...  
*I. graveolens* L. – (Vis., 1847: 64)  
*I. spiraefolia* Desf. – 2, 14 D.  
*I. viscosa* (L.) Aiton – 2 D, G, H, I, M, 3 M, 4 F, G, H, I, K, M, 4 F, G, H,  
 K, M, 5, 6 G, 7 F, 8 D, M, 9 G, H, I, K, 10 G, H, 11 D, E, 12, 13, 14  
 M, 15 H, I, K, M, 16 I, K.  
*Micropus erectus* L. – 11 D, I, 13 D, E, I.  
*Onopordon illyricum* L. – 8, 17 D.  
*Pallenis spinosa* (L.) Cass. – 1 D, 2 D, I, 4 I, K, G, 11 D.  
*Picnomon acarna* (L.) Cass. – 4 H, 11 D, I.  
*Pulicaria odora* (L.) Reichenb. – 13 D.  
 \**Santolina chamaecyparissus* L. – 4 F, K.  
 \**S. rosmarinifolia* L. – 4 F, K.  
 \**Senecio cineraria* DC. – 4 F.  
*S. vulgaris* L. – 4 F, H, I, K, L, 7 F, 9 I, K, 15 F, H, K, 16 F, H.  
 \**Solidago canadensis* L. – 4 F.  
*Tanacetum cinerariifolium* (Trevir.) Schultz - Bip. – 1 C, D, 10 E, 11 D,  
 I, 14 D, I, G, 16 D.  
*Tyrinnus leucographus* (L.) Cass. – 2 D.  
*Xanthium spinosum* L. – 5 F.  
 \**Zinnia elegans* Jacq. – 4, 9, 15, 16 F.

## \*Balsaminaceae

- \**Impatiens balfourii* Hooker fil. – 4, 9, 16 F.

## \*Bignoniaceae

- \**Tecoma radicans* (L.) Juss. – 4 F.

## \*Berberidaceae

- \**Mahonia aquifolium* (Pursh) Nutt. – 4 F.

## Boraginaceae

- Alkana tinctoria* (L.) Tausch – 11 D, I.  
*Anchusa azurea* Miller – 4 D, I, 9 D.  
*Borago officinalis* L. – 15, 16 F.  
*Buglossoides arvensis* (L.) I. M. Johnston (= *Lithospermum arvense* L.)  
 – 4, 7 F, G.  
*Cynoglossum creticum* Miller – 4 D, I, 15 I.  
*Echium italicum* L. (= *E. altissimum* Jacq.) – 4, 11 D, I.

- E. parviflorum* Moench – (Vis., 1847: 248)  
*E. vulgare* L. – 4 F, G, H, I, K, 11 H, I, 13 G, H, I.  
*Heliotropium europaeum* L. – 4 F, H, I, 5 F, 7, 9, 16 F, H, 15 F, I.  
*Myosotis ramosissima* Rochel in Schultes (= *M. collina* Hoffm.) – 4 D, I,  
 8 I.  
*M. scorpioides* L. – 16 P.  
*Onosma javorkae* Sm. – 2, 14 D, E, 11 D, I.

**Brassicaceae**

- Aethionema saxatile* (L.) R. Br. in Aiton – 1 E, 4, 8 D, 15 E.  
*Alyssanthus sinuatus* (L.) Trinajstić – 6 I, L, 8 D, 13 I.  
*Alyssum minus* (L.) Rothm. – 4 G, I, 8 G.  
 \**A. saxatile* L. – 4 F.  
*Arabis hirsuta* (L.) Scop. – 2 D, I.  
*Armoracia rusticana* (Lam.) Gaertner, Meyer et Schreb. – 4 F, 9 F, I, K.  
 \**Brassica oleracea* L. convar. *botrytis* L. – 4, 9, 15, 16 F.  
 \**B. oleracea* L. convar. *capitata* L. – 4, 9, 15, 16 F.  
*Cakile maritima* Scop. – 3, 13 O.  
*Capsella rubella* Reuter – 4 F, I, K, 7, 9, 15 F, 16 F, H.  
*Cardamine hirsuta* L. – 4 F.  
*Cardaria draba* (L.) Desv. – 4 K, F, 7 F, G, 16 F, H, I.  
*Coronopus squamatus* (Forsk.) Ascherson – 16 P.  
*Diplotaxis eruroides* (L.) DC. – 4 F, G, I, 9 H, 15 F, K, 16 F.  
*D. tenuifolia* (L.) DC. – 4 F, 7 F, H, I, K.  
*Erysimum cheiri* (L.) Crantz – 4 K, 9 K, I.  
*Eruca sativa* Miller – 4 F, 9 F, H, K, 16 K, I.  
 \**Iberis sempervirens* L. – 4, 9, 15, 16 F.  
*Lepidium graminifolium* L. – 4, 8, 15, 16 F, 11 D, I.  
 \**Lunaria annua* L. – 4 F.  
*Matthiola incana* (L.) R. Br. – 4 K, L, 9 I, 15 H, K, 16 I, K.  
*Raphanus landra* Mor. in DC. – 16 F, I.  
 \**R. sativus* L. – 4, 9, 15, 16 F.  
*Rorippa sylvestris* (L.) Besser – 16 P.  
*Sisymbrium officinale* (L.) Scop. – 4 F, H, I, K, 7 F, 9 H, 11 D, I, 16 I.  
*Thlaspi perfoliatum* L. – 4 F, I, L.

**\*Buxaceae**

- \**Buxus sempervirens* L. – 9 I.

**Cactaceae**

- Opuntia ficus-indica* (L.) Miller – 5 E, 6 I.

**Caesalpinaceae**

- \**Ceratonia siliqua* L. – 4 K.  
*Cercis siliquastrum* L. – 4 I.  
 \**Poinciana gilesii* Hook. – 4 F, K, 9, 15, 16 F.

**Campanulaceae**

- \**Campanula medium* L. – 4, 9 F.  
*C. pyramidalis* L. – 5 E, L, 9 L, 14 E, L.



*C. rapunculus* L. – 7, 10 G.

*Edraianthus tenuifolius* (Waldst. et Kit.) DC. – 14 D, L.

*Legousia hybrida* (L.) Delarbre – 4 G, 7 F, G.

**\*Cannabaceae**

\**Cannabis sativa* L. subsp. *indica* (Lam.) Small et Cronq. – 4 K.

**Caprifoliaceae**

*Lonicera implexa* Aiton – 1 A, B, C, G, 2, 8 G, 16 A, C.

\**Sambucus nigra* L. – 4 K.

*Viburnum tinus* L. – 1, 10 A.

**Caryophyllaceae**

*Agrostemma githago* L. – 7, 8 F.

*Arenaria leptoclados* (Reichenb.) Guss. – 9 E, G.

*Cerastium semidecandrum* L. – 9, 15, 16 D.

\**Dianthus barbatus* L. – 4, 9, 15, 16 F.

*D. ciliatus* Guss. – 1 D, M.

*Herniaria glabra* L. – 10 F, G.

*H. hirsuta* L. – 10 F, G.

*H. incana* Lam. – 2 D, I.

*Kohlruschia prolifera* (L.) Kunth – 2, 4 D, I.

*Melandrium divaricatum* (Reichenb.) Fenzl – 4 I, K, 7 G, H.

*Minuartia verna* (L.) Hiern – 4 I, 5 D, L.

*Petrorhagia saxifraga* (L.) Link – 4 D, I, 9 D.

*Polycarpon tetraphyllum* L. – 10 D, F, N.

*Sagina maritima* G. Don – 4, 15, 16 N.

*Saponaria officinalis* L. – 4 F, K, 9 K, I.

*Silene angustifolia* (Miller) Guss. subsp. *angustifolia* – 4 I, M, 11 D, I.

*S. angustifolia* (Miller) Guss. subsp. *reiseri* (K. Maly) Trinajstić – 3, 12 M.

*S. conica* L. – 16 F.

*S. paradoxa* L. (Vis., 1852: 170) – 11, 13 D, I.

*Spergularia marina* (L.) Griseb. – 10, 13, 15, 16 O.

*Stellaria media* (L.) Vill. – 4 F, H, I, K.

*S. pallida* (Dumort.) Pire – 4 F, H, K.

*Vaccaria pyramidata* Med. – 7, 16 F.

*Velezia rigida* L. – (Vis., 1852: 174)

**\*Celastraceae**

\**Euonymus japonica* Thunb. – 4, 9 K.

**Chenopodiaceae**

*Arthrocnemum macrostachya* (Morici.) Koch – 2, 3 M.

*Atriplex hastata* L. – 4, 9, 16 O.

*Beta maritima* L. – 3, 12 O.

\**B. vulgaris* L. – 4, 7, 9, 15, 16 F.

*Camphorosma monspeliaca* L. – 4, 8 O.

*Chenopodium album* L. – 4, 9 F, H, I, K, 5, 7, 15, 16 F, H, 17 F.

*Ch. murale* L. – 4 F, G, H, 9 F, I, 16 K.

*Ch. vulvaria* L. – 4 F, H, 7 F.

- Halimione portulacoides* (L.) Aellen – 4 N.  
*Kochia prostrata* (L.) Schrader – 9 H, O.  
*Salicornia fruticosa* L. (= *Sarcocornia fruticosa* (L.) A. J. Schott) – 4 N.  
*Salsola kali* L. – 9 O, N.  
*S. soda* L. – 10 O, N.  
 \**Spinacia oleracea* L. – 4, 7, 9, 15, 16 F.  
*Suaeda maritima* (L.) Dumort. – 3 N, 10 N, O.

## Cichoriaceae

- Aetheorrhiza bulbosa* (L.) Cass. (= *Crepis bulbosa* L.) – 4 N.  
*Chondrila juncea* L. – 4, 11, 15 I, 9 G.  
 \**Cichorium endivia* L. – 4, 9, 15, 16 F.  
*C. intybus* L. – 3 M, 4 F, G, I, K, 7 F, G, 10 G, I, 11 I.  
*Crepis biennis* L. – 8 D.  
*C. dioscoridis* L. – 4, 9, 16 I.  
*C. rubra* L. – 4 D, G.  
*C. sancta* (L.) Babcock – 4 D, I, K, L.  
*Hedypnois cretica* (L.) Dum. – Courset – 13, 15 I.  
*Hieracium pilosella* L. – 6, 14 G.  
*H. praealtum* Will. subsp. *bauhinii* (Besser) Petunnikov – 4 C, D, G.  
*H. tommasinii* Reichenb. fil. – 15 C, L.  
 \**Lactuca sativa* L. – 4, 7, 9, 15, 16, 17 F.  
*L. serriola* L. (= *L. scariola* L.) – 4 K, 7 F, 9 F, G, I, 15 F.  
*L. viminea* (L.) J. et Presl. – 9 I.  
*Leontodon crispus* Vill. – 13 D.  
*L. tuberosus* L. – 2 C, D, I, 16 D.  
*Picris echioides* L. (= *Helminthia echioides* (L.) Gaertner) – 4 H, I, K.  
*P. hieracioides* L. – 4G, I, 7F, G, 9 G, I, K, 15 K, 16 G.  
*Reichardia picroides* (L.) Roth – 2 C, O, 3 M, 4 F, G, I...  
*Rhagadiolus stellatus* (L.) Gaertner – 4 F, 15 F, I.  
*Scolymus hispanicus* L. – 9 F, G, I.  
*Scorzonera laciniata* L. (= *Podospermum resedifolium* (L.) DC.) – 7, 8 G.  
*S. villosa* Scop. – 8 D.  
*Sonchus asper* (L.) Hill. – 4 F, H, I, K, 7, 15 F, 9 H, I, K, 16 F, I, K.  
*S. glaucescens* Jordan – 3, 12, 15 M.  
*S. oleraceus* L. – 4 F, G, H, I, K, 7 F, H, 9 F, 15 I, K, 16 F, H, K.  
*Taraxacum megalorrhizon* (Forsk.) Hand. – Mazz. – 15 I.  
*T. officinale* Weber – 4 F, I, K.  
*T. palustre* (Lyons) Symons – 16 P.  
*Tragopogon porrifolius* L. – 4 G, 8 D, G, I.  
*T. pratensis* L. – 4 D, G.  
*Urospermum dalechampii* (L.) Scop. in Schmidt – 6 C, G, L.  
*U. picroides* (L.) Scop. in Schmidt – 2 G, H, 4 F, G, H, I, K, L, 7 F, 9 F, H, K, 15, 16 F, I, 16 H.

## Cistaceae

- Cistus incanus* L. subsp. *incanus* – 1 C, 16 A, C.  
*C. salviifolius* L. – 1 C, 16 A, C.

- Fumana ericoides* (Cav.) Gand. – 1, 12 D, 5 C, D.  
*F. thymifolia* (L.) Spach in Webb. – 5 C, D, E, 12 D, E.

#### Convolvulaceae

- Calystegia sepium* (L.) R. Br. – 10 F.  
*Convolvulus althaeoides* L. subsp. *tenuissimus* (Sibth. et Sm.) Stace – 4 F, K.  
*C. arvensis* L. – 4 F, G, 7 F, H, 9, 15, 16 F.  
*C. cantabrica* L. – 2 G, I, 5 G.

#### \*Cornaceae

- \**Aucuba japonica* Thunb. 'Variegata' – 4 F.

#### Corylaceae

- \**Corylus avellana* L. – 4, 9 K.  
*Ostrya carpinifolia* Scop. – 10, 17 A.

#### Crassulaceae

- Sedum album* L. – 4 D, L.  
*S. ochroleucum* Chaix in Viv. – 4 L.  
*S. sexangulare* L. – 1, 4, 6, 15 L.  
 \**Sempervivum tectorum* L. – 4 F.

#### Cucurbitaceae

- \**Citrullus lanatus* (Thunb.) Mansteld – 4, 9 F.  
 \**Cucumis melo* L. – 4 F.  
 \**C. sativus* L. – 4, 7, 9, 15, 16 F.  
 \**Cucurbita pepo* L. – 4, 16 F.  
*Ecballium elaterium* (L.) A. Richard – 4 H, K, 15 H, I.  
 \**Lagenaria siceraria* (Molina) Standley – 4, 9, 15, 16 F.  
 \**Sechium edule* Swartz – Ch. – 4, 9, 15, 16 F.

#### Dipsacaceae

- Cephalaria leucantha* (L.) Roemer et Schultze – 1 D, 6 I, L, 11 I.  
*Scabiosa triandra* L. – 2, 10 G.  
*Tremastelma palaestinum* (L.) Janchen – 9, 10, 14, 16 G, 11 D, I.

#### \*Ebenaceae

- \**Diospyros kaki* L. fil. – 16 K.

#### Ericaceae

- Arbutus unedo* L. – 18, 19 A.

#### Euphorbiaceae

- Andrachne telephioides* L. – 4 L, 11 I.  
*Chrozophora tinctoria* (L.) A. Juss. – 4, 7 F.  
*Euphorbia chamaesyce* L. – 4 F, 7 F, H, I.  
*E. exigua* L. – 13 D.  
*E. falcata* L. – 4 G, I.  
*E. fragifera* Jan. – 2, 8 D, L, 4 D, 6 L.  
*E. helioscopia* L. – 2 F, 4 F, H, I, K, L, 5, 7 F, H, 9 I, 15, 16 F, 16 H, I.  
*E. lathyris* L. – (Vis., 1852: 228)

\**E. marginata* Pursch. – 4 F.

*E. paralias* L. – 16, 18 F.

*E. segetalis* L. – 16 H.

*E. wulfenii* Hoppe in Koch – 8, 13, 15 D, 13 I.

*Mercurialis annua* L. – 4 F, G, H, I, K, 7 F, H, 9 F, G, H, K, 15, 16 F, H, I, 16 K.

\**Ricinus communis* L. – 4 F.

### Fabaceae

*Anthyllis rubicunda* Wendel – 2, 3 D, E, 12 D.

*Argyrolobium zanonii* (Turra) P. W. Ball. – 8 C, D, 9 D, I, 17 D.

*Astragalus hamosus* L. – 6 I.

*A. illyricus* Bernh. (= *A. monspessulanus* L. subsp. *illyricus* (Bernh.) Chater) – 3 D, 8 D, I.

\**Cicer arietinum* L. – 4, 7, 9, 15, 16 F.

*Colutea arborescens* L. – 13, 17 I.

*Coronilla cretica* L. – 4 I, 8 D, I.

*C. emeroides* Boiss. et Spruner – 1, 4 D, 8 A, C, D, I.

*C. scorpioides* (L.) Koch – 7 F, G, 9 F, 16 G.

*C. varia* L. – 7 G.

*Dorycnium hirsutum* (L.) Ser. var. *incanum* (Lois) Ser. in DC. – 4 M.

*D. pentaphyllum* Scop. subsp. *herbaceum* (Vill.) Rouy – 4 C, K.

*Genista dalmatica* Bartl. – 9, 13 D, E, 11 D.

*Hippocrepis comosa* L. – 4 D.

*H. unisiliquosa* L. – 13, 15 I.

*Hymenocarpos circinnatus* (L.) Savi – 8 C, D, I.

*Lathyrus aphaca* L. – 7 G, 8 C, G.

*L. cicera* L. – 8, 15 G.

*L. latifolius* L. – 7 G.

*L. ochrus* (L.) DC. – 8 G.

*L. setifolius* L. – 2 D, E, 8 D.

*Lens nigricans* (Bieb.) Godron – 7 G.

*Lotus angustissimus* L. – 16 P.

*L. cytisoides* L. (= *L. allionii* Desf.) – 3, 17 M.

*L. corniculatus* L. var. *hirsutus* Koch – 4 D, 8 C, D, 9 D, I.

*L. ornithopodioides* L. – 8 C, D, G, K.

*Medicago arabica* (L.) Hudson – 4 D, I.

*M. litoralis* Rohde – 4 O, 9 D, O.

*M. lupulina* L. – 4 D, 8, 12 I.

*M. minima* (L.) Bartal. – 4 F, G, H, I, K.

*M. orbicularis* (L.) Bartal. – 4 G, K.

*M. sativa* L. subsp. *sativa* – 4, 9 I, 11 D, I.

*M. sativa* L. subsp. *falcata* (L.) Arcangeli – 4, 9 I.

*M. scutellata* (L.) Miller – 4 F.

*Melilotus albus* Medicus – 5 I.

*M. italicus* (L.) Lam. – 8 D, G, 16 D.

*M. officinalis* (L.) Pallas – 4, 8 I, K.

*M. sulcatus* Desf. – 16 G, I.

- Onobrychis caput-galli* (L.) Lam. – 2 D, 7 G.  
*Ononis pusilla* L. – 11 C, D, E.  
*O. spinosa* L. subsp. *antiquorum* (L.) Arcangeli – 11, 14 D, I.  
*O. viscosa* L. subsp. *breviflora* (DC.) Nyman – 2D.  
 \**Phaseolus vulgaris* L. – 4, 7, 9, 15, 16 F.  
 \**Pisum sativum* L. – 4, 7, 9, 15, 16 F.  
*Psoralea bituminosa* L. – 4 D, G, I, 8, 10 D, G, 11 D.  
 \**Robinia pseudacacia* L. – 4, 16 I.  
*Scorpiurus muricatus* L. (= *S. subvillosus* L.) – 8 D, G, I.  
*Securigera securidaca* (L.) Deg. et Doerfler – 4 D, I.  
 \**Sophora japonica* L. – 4, 15 K, I, 9, 16 I.  
*Spartium junceum* L. – 3 A, C, D, 11, 14 D.  
*Trifolium angustifolium* L. – 1, 2, 3, 8, 10, 16, 17 D, 4, 15 D, I.  
*T. arvense* L. – 4 D, G, 14 D.  
*T. campestre* Schreb. – 4 C, D, G, L.  
*T. dalmaticum* Vis. – 4 I, 9 G.  
*T. fragiferum* L. – 9 I, 16 P.  
*T. nigrescens* Viv. – 4 H.  
*T. pratense* L. – 13, 15 I.  
*T. repens* L. – 4 I.  
*T. resupinatum* L. – 4 D, I, K.  
*T. scabrum* L. – 4 D, E, L, 5 D, E, 11 D.  
*T. stellatum* L. – 1, 2, 3, 4, 5, 6, 8, 11 D, 7 G, 14 D, G.  
*T. suffocatum* L. – 15, 16 I, 16 N.  
*T. tomentosum* L. – 12 D.  
*Trigonella corniculata* (L.) L. – 8 D.  
*T. monspeliaca* L. – 7 G.  
*Vicia cracca* L. – 8 D, G, 16 G.  
 \**V. faba* L. – 4, 7, 9, 15, 16 F.  
*V. lutea* L. – 7 D, G.  
*V. narbonensis* L. – 2 D, G, 4 G.  
*V. sativa* L. subsp. *sativa* – 4 F, G.  
*V. sativa* L. subsp. *nigra* (L.) Ehrh. – 2, 10 G.  
*V. tetrasperma* (L.) Schreb. – 2 D, G, 8 G.  
 \**Wistaria sinensis* (Sims) Sweet – 4 K.

### Fagaceae

- Quercus ilex* L. – 1, 8 A, C, 11 D.  
*Q. virgiliana* (Ten.) Ten. – 1, 16 A.

### Fumariaceae

- Fumaria capreolata* L. – 4 F.  
*F. officinalis* L. – 4 F, H, K, L, 5 F, I, 7 F, 9 F, H, K, 15, 16 F, H, K, I.  
*F. parviflor* Lam. – 8 O, 10 F, G, H.

### Gentianaceae

- Blackstonia perfoliata* (L.) Hudson – 2 C, D, 16 D.  
*Centaurium erythraea* Rafin – 2 D, I, 14 C, D.  
*C. spicatum* (L.) Fritsch – 4 D.

## Geraniaceae

- Erodium ciconium* (L.) L.' Her. – 4, 9, 15, 16 I.  
*E. cicutarium* (L.) L.' Her. – 4 G, I, 9, 16 I.  
*E. malacoides* (L.) L.' Her. – 4 D, K, L, 9, 16 K.  
*Geranium columbinum* L. – 4 I.  
*G. purpureum* Vill. – 1 L, 16 A, D, E.  
*G. pusillum* L. – 4 D, F, K, I, L.  
*G. rotundifolium* L. – 2 L.  
*G. tuberosum* L. – 4 G, K, I.  
 \**Pelargonium zonale* (L.) Aiton – 4, 9, 15, 16.

## Hypericaceae

- Hypericum veronense* Schrank in Hoppe – 2 D, I, 4, 5, 7 D, G, 11 D.

## \*Juglandaceae

- \**Juglans regia* L. – 4 K.

## Lamiaceae

- Ajuga chamaepytis* (L.) Schreb. – 4 D, F, G, I.  
*Ballota nigra* L. subsp. *foetida* Hayek – 15 H.  
*Calamintha acinos* (L.) Clairv. (= *Acinos arvensis* (Lam.) Dandy) – 2 E.  
*C. nepeta* (L.) Savi – 4, 8 I, 6 D, L.  
*Galeopsis angustifolia* Ehrh. (= *G. ladanum* L. subsp. *angustifolia* (Ehrh.) Gaudin) – 4 I, 11 D, L.  
*Lamium amplexicaule* L. – 4, 15 F, G.  
 \**Lavandula angustifolia* Miller – 4, 9, 15, 16 K.  
 \**Majorana hortensis* Moench – 4, 9, 15, 16 F.  
*Marrubium incanum* Desr. – 2 D, 3 D, I.  
*Mentha pulegium* L. – 16 P.  
*Micromeria juliana* (L.) Benham in Reichenb. – 1 D, E, 8 E, L, 16 C, L.  
 \**Ocimum basilicum* L. – 4 F.  
*Origanum heracleoticum* L. – 10 G, 11 E, I.  
 \**O. vulgare* L. – 4, 16 F.  
*Prasium majus* L. – 2 A, 5 B, I, 8 A, B.  
*Prunella laciniata* (L.) L. – 13 B.  
*P. vulgaris* L. – 4 I, 5 D, I.  
 \**Rosmarinus officinalis* L. – 4, 9, 15, 16 K.  
*Salvia bertolonii* Vis. – 8, 15 D.  
*S. officinalis* L. – 3, 11 D, 18 C, D, E, 19 E.  
 \**S. splendens* Sellow – 4, 9, 15, 16 F.  
*S. sclarea* L. – 6 D, I.  
*S. verbenaca* L. – 6 D, E.  
*S. viridis* L. (= *S. horminum* L.) – 15 G, I.  
*Satureja montana* L. – 1 D, E, 11 E.  
*Sideritis montana* L. – 14 B.  
*S. romana* L. – 4 D, E.  
*Stachys salviifolia* Ten. – 2 D, 4, 11 D, I.  
*S. subcrenata* Vis. – 4 G, L.  
*Teucrium chamaedrys* L. – 5, 16 A, 8 A, D.

- T. flavum* L. – 14 D.  
*T. marum* L. – (Vis., 1847: 224)  
*T. montanum* L. – 2 D.  
*T. polium* L. – 2 C, D, E, 11 D.  
*Thymus longicaulis* C. Presl. var. *freyinii* Ronn. – 4 I, 7 G.

#### Lauraceae

- Laurus nobilis* L. – 9, 14, 16 K, 15 A, K.

#### Linaceae

- Linum bienne* Miller – 2 C, G, I, 14 D, I.  
*L. nodiflorum* L. – 2 D, E.  
*L. strictum* L. – 2 C, I, 16 C.  
*L. tenuifolium* L. – 2 C, D, E, 14 E, I.  
*L. trigynum* L. (= *L. gallicum* L.) – 7 G.

#### Lythraceae

- Lythrum hyssopifolia* L. – 16 P.  
*L. portula* (L.) Webb. – 16 P.

#### \*Magnoliaceae

- \**Magnolia grandiflora* L. – 4 K.

#### Malvaceae

- Alcea rosea* L. – 4 K, 7 G, I, 15 I.  
*Althaea cannabina* L. – 4 D, I, 9, 11 I.  
 \**Hibiscus syriacus* L. – 4 K.  
*H. trionum* L. – 16 F.  
*Lavatera arborea* L. – 4 H, M, 9, 16 H, 15 M.  
*Malva neglecta* Wallr. – 9 I.  
*M. parviflora* L. – 4 H, I, 15 H.  
*M. sylvestris* L. – 8 G, H, I, K.

#### \*Meliaceae

- \**Melia azedarach* L. – 4 K.

#### Moraceae

- \**Broussonetia papyrifera* (L.) L' Her. in Vent. – 16 I.  
*Ficus carica* L. – 1, 3 D, 2 M, 3 E, 4 K, 7, 8 F, K, 9 K, 10 G, 15, 17 K,  
 16 K, J.  
 \**Morus alba* L. – 4, 16 K.  
 \**M. nigra* L. – 4 I, 16 K.

#### Myrtaceae

- Myrtus communis* L. – 1 A, D, 2 D, I, 4, 5 A, 8 A, B, 11 D, 14 A ...

#### \*Nyctaginaceae

- \**Bougainvillea spectabilis* Willd. – 4, 15 K.  
 \**Mirabilis jalapa* L. – 4, 9, 16 I, 15 K.

#### Oleaceae

- \**Forsythia europaea* Degen et Bald. – 4, 15 K.

*Fraxinus ornus* L. – 1, 8 A.

*Olea europaea* L. – spread throughout the island

\**Ligustrum ovalifolium* Hassk – 2 K.

\**L. vulgare* L. – 4 K.

*Phillyrea media* L. – 1, 8 A, 2 D, E, 5 D, 8 B, D.

\**Syringa vulgaris* L. – 4, 9, 15, 16 K.

#### Orobanchaceae

*Orobanche coerulescens* Stephan – 4 I.

*O. picridis* Schultz – 7, 10 G.

#### Oxalidaceae

*Oxalis corniculata* L. – 4 F, I, K, 15 F.

*O. deppei* Lodd. – 4, 9, 15, 16 K, 10 D.

#### \*Paeoniaceae

\**Paeonia officinalis* L. s. s. – 4, 15, 16 K.

#### Papaveraceae

\**Escholzia californica* Cham. in Nees – 4, 16 K.

*Glaucium flavum* Crantz – 3, 8 O.

*Papaver dubium* L. – 16 F, G, I.

*P. rhoeas* L. – 4, 5, 9, 15, 16 F, 7 F, H.

\**P. somniferum* L. – (Vis., 1852: 100) – 4, 9 F.

#### \*Passifloraceae

\**Pasiflora coerulea* L. – 4, 5 K.

#### Phytolaccaceae

*Phytolacca americana* L. – 4 H, I, K, 15 H.

#### \*Pittosporaceae

\**Pittosporum tobira* (Thunb.) Aiton, fil. – 4, 15 K.

#### Plantaginaceae

*Plantago afra* L. (= *P. psyllium* L.) – 4 I.

*P. altissima* L. – 15 I.

*P. coronopus* L. – 4, 15 O.

*P. holosteam* Scop. subsp. *scopulorum* (Degen) H-ić – 4, 17 M.

*P. lanceolata* L. var. *lanceolata* – 4 D, F, G, K, 7 F, G, 11 I.

*P. lanceolata* L. var. *lanuginosa* M. et K. – 4 D, I.

*P. major* L. – 9 I.

*P. major* L. subsp. *intermedia* (DC.) Arcangeli – 16 P.

#### Plumbaginaceae

*Limonium cancellatum* (Bernh. in Bertol.) O. Kuntze – 4, 12, 14 M.

*L. serotinum* (Reichenb.) Pignatti – 4 N.

*Plumbago europaea* L. – 4 G, I, 7 I.

#### Polygalaceae

*Polygala nicaeensis* Risso – 1 D, 2 C, D, I, 12 D, I, 14 D.

#### Polygonaceae

\**Bilderdykia aubertii* (L. Henry) Moldenke – 4 K.



- B. convolvulus* (L.) Dumort. (= *Fallopia convolvulus* (L.) A. Love) – 4 F, H.  
*Polygonum aviculare* L. – 4 F, H, I, K, 7, 9 F, H, 15, 16 F.  
*P. lapathifolium* L. – 4 F.  
*Rumex crispus* L. – 4 H, I, 16 P.  
*R. pulcher* L. – 4 H, I, 9 H.

#### Portulacaceae

- Portulaca oleracea* L. – 4, 9 F, H, I, 7 F, H, 15, 16 F, H, I, K.

#### Primulaceae

- Anagallis arvensis* L. – 7 F, I.  
*A. foemina* Miller – 4 F.  
*Asterolinum linum-stellatum* (L.) Duby in DC. – 11 I.  
*Cyclamen repandum* Sibth. et Sm. – 1, 15 C, D, 4 G.

#### Punicaceae

- Punica granatum* L. – 5 C, K, 12 I, 16 K.

#### Ranunculaceae

- Adonis flammea* Jacq. – 4 F.  
*Anemone coronaria* L. – 7 G.  
*A. hortensis* L. – 1, 8 D.  
*Clematis flammula* L. – 1 A, 2 C, D, I, 5 A, C, I.  
*C. vitalba* L. – 4 I.  
*Consolida regalis* S. F. Gray – 9 F, I.  
*Delphinium peregrinum* L. – 4, 8 G, 9 D, G.  
*Ficaria calthaefolia* Reichenb. subsp. *calthaefolia* – 4 D, G.  
*F. calthaefolia* Reichenb. subsp. *grandiflora* (Roub.) Trinajstić – 10 I.  
*Myosurus minimus* L. – 16 P.  
*Nigella damascena* L. – 4 D, K, L, 15 D.  
*Ranunculus aquatilis* L. – 16 P.  
*R. muricatus* L. – 9 F, I.  
*R. ophioglossifolius* Vill. – 16 P.  
*R. sardous* Crantz – 16 P.

#### Resedaceae

- Reseda alba* L. – 16 H.  
*R. lutea* L. – 4 D, F, I.  
*R. phyteuma* L. – 4 G.

#### Rhamnaceae

- Frangula rupestris* (Scop.) Schur – 1 D, 10 A, G, 11 D, I.  
*Paliurus spina-christi* Miller – 1 D, E, I, 11 I.  
*Rhamnus alaternus* L. – 1 D, 8, 14 A.  
*R. intermedius* Steudel et Hochst. – 1 D, I, 4 I, 12, 14 D.  
 \**Ziziphus jujuba* Miller – 4, 9, 15, 16 K.

#### Rosaceae

- Agrimonia eupatoria* L. – 2, 4 I, 7 G.  
 \**Cotoneaster horizontalis* Decne – 4 F.  
*Crataegus monogyna* Jacq. – 6 I.

- \**Cydonia oblonga* Miller – 4, 9, 15, 16 K.  
 \**Eryobotrya japonica* (Thunb.) Lindley – 4, 9, 15, 16 K.  
 \**Fragaria vesca* L. – 4, 9, 15, 16 F.  
 \**Malus domestica* L. – 4 F, K.  
*Potentilla cinerea* Chaix – (Vis., 1852: 252)  
*P. recta* L. – 2 C, D, I.  
*P. reptans* L. – 16 P.  
 \**Prunus armeniaca* L. – 4, 15 F.  
 \**P. avium* L. – 4, 9, 15, 16 F, K.  
 \**P. cerasus* L. – 4, 9, 15, 16 K.  
 \**P. dulcis* (Miller) Webb. – 2, 4 K, 16, 17 G, K.  
*P. mahaleb* L. – 5, 6, 9 A, 11 D, I.  
 \**P. laurocerasus* L. – 4 K.  
 \**P. persica* (L.) Batsch – 4, 9, 15 K, 16 F, K.  
*P. spinosa* L. var. *dasyphylla* Schur – 4, 5, 6, 8 I.  
 \**Pyracantha coccinea* M. J. Roemer – 5 K.  
*Pyrus amygdaliformis* Vill. – 1 D, L, 5 D, G.  
 \**P. communis* L. – 4, 9, 15, 16 K.  
 \**Rosa gallica* L. – 4 K.  
*R. sempervirens* L. – 1 D, I, L, 10 A, I, L.  
*Rubus ulmifolius* Schott subsp. *dalmatinus* (Tratt.) Focke – 5 D, 6 L, 8 L,  
 I, 11, 12 I.  
*Sanguisorba minor* Scop. – 4, 11 D, I, 14 I.  
*Sorbus domestica* L. (Vis., 1852: 246) – 4, 5, 16 I.

#### Rubiaceae

- Asperula aristata* L. subsp. *scabra* (J. et Presl.) Nyman – 3 D.  
*A. arvensis* L. – 16 F, G, I.  
*Crucianella latifolia* L. – 4 F, G, I, 7 F, G.  
*Galium aparine* L. – 4, 7, 9 F, G, H, 15, 16 H, I, K.  
*G. corrudaefolium* Vill. – 4, 8 D.  
*G. palustre* L. – 16P.  
*G. verum* L. – 7 G.  
*Rubia peregrina* L. – 5, 8 A, 16 C.  
*Sherardia arvensis* L. – 4 G, L.  
*Valantia muralis* L. – 1, 10 L, 4 H.

#### Rutaceae

- \**Citrus aurantium* L. – 4 K.  
 \**C. limon* (L.) Burm. – 4, 9, 15, 16 K.  
 \**C. medica* L. – 4, 9, 15, 16 K.  
*Dictamnus albus* L. – 1 D, 13 D, L.  
*Ruta graveolens* L. – 1 D, 4 E.

#### Salicaceae

- \**Populus X canadensis* Moench – 3 I, K, 4, 16 K.  
*Salix alba* L. – 4 N, 9 K.

#### Santalaceae

- Osyris alba* L. – 4 D, I.  
*Thesium divaricatum* Jan. in Mert. – 2, 6, 14 D.

*Saxifragaceae*

- \**Hydrangea hortensis* Sm. – 4 K.
- \**Philadelphus coronarius* L. – 4, 15 K.
- Saxifraga tridactylites* L. – 4 E, I, 9 E, L.

*Scrophulariaceae*

- Antirrhinum majus* L. – 4 J, 14 I, 15 K, 16 I, J.
- Chaenorhinum litorale* (Bernh.) Fritsch. – 8 M.
- Cymbalaria muralis* Gaertner, B. Meyer et Schreb. – 15 J.
- Kickxia spuria* (L.) Dumort. – 4, 7 F, G.
- Linaria chalepensis* (L.) Miller – 7 G, 9 F.
- L. genistifolia* (L.) Miller subsp. *dalmatica* (L.) Mayer et Petitnening – 14 I.
- L. simplex* (Willd.) DC. – 16 I.
- L. vulgaris* Miller – 4 G, I, 7 F, G.
- Misopates orontium* (L.) Rafin – 4 F, H, K, 15 F, 16 F, H.
- Odontites lutea* (L.) Clairv. – 1 D, 2 G, L.
- Scrophularia canina* L. – 6 E, I.
- S. peregrina* L. – 16 P.
- Verbascum blattaria* L. – 16 G.
- V. orientale* (L.) All. (= *Celsia orientalis* L.) – 4, 6, 15 H, 13 I.
- V. sinuatum* L. – 6 D, E, I.
- Veronica anagalloides* Guss. – 16 P.
- V. arvensis* L. – 4 F, H.
- V. cymbalaria* Bod. – 16 H, I, L.
- V. hederifolia* L. – 4 F, G.
- V. persica* Poiret – 4 F.

*Simaroubaceae*

- Ailanthus altissima* (Miller) Swingle (= *A. glandulosa* Desf.) – 4 I, 15 I, K.

*Solanaceae*

- \**Capsicum annuum* L. – 4, 7, 9, 15, 16 F.
- Datura innoxia* Miller – (Fr.) – 4 F, H, K, 9, 15 F, 16 H, K.
- D. stramonium* L. – 16 H.
- Hyoscyamus albus* L. – 4 H, 9 H, K, 15 J, 16 H.
- \**Lycopersicon esculentum* Miller – 4 F, H, K, 7, 16 F, 15 F, H.
- Physalis alkekengi* L. – 4 I, 10 F.
- \**Solanum melongena* L. – 4, 7, 9, 15, 16 F.
- S. nigrum* L. – 4, 9, 16 F, H, I, K, 5 H, I, K, 7, 15 F, H, 10, 12 I, 17 F, I.
- \**S. tuberosum* L. – 4, 7, 9, 15, 16 F.

*Tamaricaceae*

- Tamarix dalmatica* Baum. – (Vis., as *T. africana* Poir., 1852: 152) – 4 I, 9 K.
- T. gallica* L. – 4 I, 9 I, K.

*Thelygonaceae*

- Thelygonum cynocrambe* L. – 4 D, G, L, 8 G, L.

*Tropaeolaceae*

- \**Tropaeolum majus* L. – 4, 9, 15, 16 K.

*Ulmaceae*

- Celtis australis* L. – 4 I, 16 K.  
*Ulmus pinnato-ramosa* Dieck – 4 I.

*Urticaceae*

- Parietaria judaica* L. (= *P. vulgaris* Hill; *P. diffusa* Mert. et Koch) – 4 H,  
I, J, K, L, M, 5 I, K, 6 I, 8 H, K, L, 9 I, J, K, 15, 16 I, K.  
*Urtica urens* L. – 4 F, K.

*Valerianaceae*

- Centranthus ruber* (L.) DC. – 4, 9 F, I, 11 I, 16 F.  
*Valerianella coronata* (L.) DC. – 16 F.  
*V. echinata* (L.) Lam. et DC. – 6 D, I.  
\**V. locusta* (L.) Laterrade – 4 F.  
*V. pumilla* (L.) DC. – 4 F.  
*V. vesicaria* (L.) Moench – 4 G.

*Verbenaceae*

- Verbena officinalis* L. – 4 F, I, K.  
*Vitex agnus-castus* L. – 2 M, 12 I, M.

*Violaceae*

- Viola adriatica* Freyn – 8 D, G, I.  
*V. alba* Besser subsp. *denhardtii* (Ten.) W. Becher – 14 A.  
*V. arvensis* Murray – 4 F, G, 16 F.

\**Vitaceae*

- \**Parthenocissus quinquefolia* (L.) Planchon – 4, 9, 15, 16 K.  
\**P. tricuspidata* (Sieb. et Zucc.) Planchon – 4 K.  
\**Vitis vinifera* L. – 1C, I, 11 D, 17 F, 18 C.

*Zygophyllaceae*

- Tribulus terrestris* L. – 4, 9, 15, 16 F.

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\**Agavaceae*

- \**Agave americana* L. – 5 M.  
\**Yucca gloriosa* L. – 4, 9, 15, 16 K.

*Alismataceae*

- Alisma lanceolatum* With. – 16 P.  
*Baldellia ranunculoides* (L.) Parl. – 16 P.  
*Damasonium polyspermum* Cosson – 16 P.

\**Amaryllidaceae*

- \**Narcissus odoratus* L. – 4, 9, 15, 16 F, K.  
\**N. poeticus* L. – 4, 9, 15, 16 F, K.  
\**N. pseudonarcissus* L. – 4, 9, 15, 16 F.  
\**N. tazetta* L. – 4, 9, 15, 16 K.

*Araceae**Arum italicum* Miller – 4 G, I, 15 K, 16 G, K.\**Arecaceae*\**Chamaerops humilis* L. – 4, 9, 15, 16 K.\**Phoenix canariensis* Chabaud – 4, 9, 15, 16 K.\**Trachycarpus excelsa* Wendl. – 4, 9, 15, 16 K.*Asparagaceae**Asparagus acutifolius* L. – 1 A, B, C, D, E, 2 D, I, 3 B, C, D, 4 D, E, 5 D, I, 6 D, I, 8 D, 9, 18, 19 D, E, 10 G, 13 I, 16 A, B, C, D, 17 D.\**Cannaceae*\**Canna indica* L. – 4, 9, 15, 16 K.*Cyperaceae**Carex divulsa* Stokes – 8 D, G.*C. extensa* Good. – 4 D.*C. flacca* Schreb. – 17 C, D, G, I.*C. hallerana* Asso – 1A, D.*C. mucronata* All. – 16 P.*C. vuplina* L. – 16 P.*Eleocharis palustris* (L.) Roemer et Schultes – 16 P.*Schoenus nigricans* L. – 1, 3, 4 M.*Scirpus maritimus* L. – 16 P.*Dioscoreaceae**Tamus communis* L. – 1 G, L.*Iridaceae**Crocus pallasii* Goldb. – 17 D, I.\**C. sativus* L. – 4 F, K, 9, 15 F.\**C. neapolitanus* Kerner et Ascherson – 4, 9, 15, 16 F, K.*Iris germanica* L. – 4 I, K, 11, 15 I, 16 K.*Romulea bulbocodium* (L.) Sebastiani et Mauri – 1 D, E, 14 D, E, I.*Juncaceae**Juncus acutus* L. – 4 M.*J. gerardi* Loisel. – 4 D.*J. hybridus* Brot. – 16 F.*J. maritimus* Lam. – 4 N, M.*J. subnodulosus* Schrank – 16 P.*Liliaceae**Allium ampeloprasum* L. – 7 G.\**A. cepa* L. – 4, 9, 15, 16 F.\**A. ascalonicum* L. – 4, 9, 15, 16 F.*A. carinatum* L. – 4 G.*A. commutatum* Guss. – 1, 2, 3, 4, 12, 14, 17, 18 M.*A. flavum* L. – 4 D, E, 5 D.*A. roseum* L. – 4 G, 16 I.\**A. sativum* L. – 4, 7, 9, 15, 16 F.

- A. sphaerocephalon* L. – 8 D.  
*A. subhirsutum* L. – 1, 8 A, 4, 9, 10 G.  
*Asphodeline lutea* (L.) Reichenb. – 2 C, D, 12 D.  
*Asphodelus aestivus* Brot. (= *A. microcarpus* Salzm. et Viv.) – 8 E.  
*A. fistulosus* L. – 4 G, I.  
*Colchicum autumnale* L. – 2D.  
*C. hungaricum* Janka – 13 G.  
 \**Lilium candidum* L. – 4 K, 10 G.  
*Muscari comosum* (L.) Miller – 8 D, G, I.  
*M. neglectum* Guss. in Ten. (= *M. racemosum* (L.) Miller) – 15 D, G, 16 D.  
*Ornithogalum pyrenaicum* L. – 4 G.  
*O. umbellatum* L. – 4 D, G, 15 F, G.  
*Scilla autumnalis* L. – 13 B, D, I.

### Orchidaceae

- Gymnadenia conopsea* (L.) R. Br. – 2 D.  
*Ophrys bertolonii* Moretti – 5 D.  
*O. sphegodes* Miller subsp. *atrata* (Lindl.) E. Meyer – 2, 6 D.  
*Orchis purpurea* Hudson – 1, 2 D, 7 G.  
*O. quadripunctata* Cyr. – 1, 2 D, 10 A, D.  
*O. tridentata* Scop. – 2 D.  
*Serapias vomeracea* Briq. – 1D.

### Poaceae

- Aegilops geniculata* Roth (= *Ae. ovata* L.) – 2 C, D, 11 D.  
*Ae. triuncialis* L. – 2, 11 D.  
*Arrhenatherum elatius* (L.) Beauv. in Presl. – 2 D.  
*Arundo donax* L. – 4, 16 K.  
*Avena barbata* Potter – 4, 5, 8, 9, 10, 11, 15, 16 I.  
*Brachypodium distachyon* (L.) Beauv. – 8 D, G, 11, 15 D.  
*B. retusum* (Pers.) Beauv. (= *B. ramosum* (L.) Roemer et Schultes) –  
 spread throughout the island  
*Briza maxima* L. f. *maxima* – 2 D, 4 C, D, G.  
*B. maxima* L. f. *rubra* Ascherson et Graebn. – 2 D, 4 C, D, G.  
*Bromus erectus* Hudson subsp. *erectus* f. *microtrichus* Borb. – 4, 8 D, I.  
*B. erectus* Hudson subsp. *condensatus* (Hachel) Ascherson et Graebn. –  
 16 D, I.  
*B. hordeaceus* L. – 9 D, I.  
*B. intermedius* Guss. – 2, 4 D.  
*B. madritensis* L. – 4 D, I, L, 9 D, 16 D, G.  
*B. rigidus* Roth – 6 D, G, I.  
*Catapodium marinum* (L.) Hubbard – 4, 15, 16 N.  
*Chrysopogon gryllus* (L.) Trin. (= *Andropogon gryllus* L.) – 16, 17 D, E, I.  
*Cleistogenes serotina* (L.) Keng – 2, 14 B.  
*Cynodon dactylon* (L.) Pers. – 4, 9, 15, 16 F, H, K, 16 G.  
*Cynosurus echinatus* L. – 4 D, I, 9 G.  
*Dactylis hispanica* Roth – 2, 11 D, 4 D, E, I, 13 D, E, I.  
*Dasyphyrum villosum* (L.) Candargy – 4, 15 I.

- Desmazeria rigida* (L.) Tutin (= *Scleropoa rigida* (L.) Griseb) – 1, 3, 5, 6, 12, 15, 16 D, 2 D, L, 4, 13 D, I.  
*Dichanthium ischaemum* (L.) Roberty (= *Andropogon ischaemum* L.) – 2 D, I.  
*Digitaria ciliaris* (Retz.) Koeler – 4 F, H, 9 I.  
*Echinochloa crus-galli* (L.) Beauv. – 4 F, I.  
*Elymus pycnanthus* (Gordon) Melderis – 2, 3, 4 M.  
*E. repens* (L.) Gould. – 7 G, 16 P.  
*Eragrostis cilianensis* (Ball.) Hubbard (= *E. megastachya* (Koeler) Link) – 7 F.  
*Gastridium ventricosum* (Gouan) Schinz et Thell. – 16 P.  
*Hordeum leporinum* Link – 2 I, 4 G, H, I, L, 5 G, 8 H, K, 9, 15, 16 I, K.  
 \**H. vulgare* L. – 7 F.  
*Koeleria splendens* Presl. – 2 G.  
*Lagurus ovatus* L. – 2 D, 4 D, G.  
*Lolium perenne* L. – 2 H, K, 4 F, H, I, K, 5 F, K, 7 F, H, I, 8 I, 10 F, 15, 16 F, H.  
*L. rigidum* Gaudin – 15 I.  
*L. temulentum* L. – 7 F.  
*Lophochloa cristata* (L.) Hyl. (= *Koeleria phleoides* Vill.) – 4 F, I, K.  
*Melica ciliata* L. – 2, 4, 11 D.  
*Parapholis incurva* (L.) Hubbard (= *Lepturus incurvatus* Trin.) – 4, 10 O, 15, 16 N.  
*Phalaris minor* Retz. – 4 I.  
*Phleum echinatum* Host. – 16 F.  
*Ph. subulatum* (Savi) Ascherson et Graebn. – 5 D, I.  
*Piptatherum miliaceum* (L.) Cosson (= *Oryzopsis miliacea* (L.) Benth. et Hooker) – 15 I.  
*Poa angustifolia* L. – 16 P.  
*P. bulbosa* L. subsp. *bulbosa* f. *vivipara* Koel. – 4, 15 L.  
*P. compressa* L. – 4 D.  
*P. infirma* Kunth – 4 I, K.  
*P. trivialis* L. subsp. *sylvicola* (Guss.) H. Lindb. – 16 P.  
*Puccinellia festuciformis* (Host) Parl. – 4 N.  
*Sclerochloa dura* (L.) Beauv. – 4, 16 I.  
*Sesleria autumnalis* (Scop.) Schultz – 14 A, E.  
*Setaria verticillata* (L.) Beauv. – 4, 7, 9, 15, 16 F.  
*S. viridis* (L.) Beauv. – 4, 7, 9, 15, 16 F.  
 \**Sorghum bicolor* (L.) Moench – 4 F.  
*S. halepense* (L.) Beauv. – 2 I, 4, 7 F.  
*Stipa bromoides* (L.) Doerfler – (Vis., 1842: 59) – 2 D, 4, 15, 16 G, I, L.  
*S. eriocalis* Borbas – 4 D.  
*Tragus racemosus* (L.) All. – 10, 16 I.  
 \**Triticum aestivum* L. – 7, 8, 16 F.  
*Vulpia ciliata* (Dumort.) Link – 2 D, 4 I, L.  
 \**Zea mays* L. – 4, 16 F.

*Potamogetonaceae*

- Posidonia oceanica* (L.) Delile – R  
*Zostera marina* L. – R

*Ruscaceae*

*Ruscus aculeatus* L. – 1, 8 A.

\**R. hypoglossum* L. – (Vis., 1842: 160) – 4 K.

*Silacaceae*

*Smilax aspera* L. – 1 A, B, C, D, 2 A, B, C, L, 3 B, C, L, 4 B, C, D ...

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