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Electronic Supplementary File 1.

List of taxa

Pteridophyta Equisetopsida

Equisetales

Equisetaceae

Equisetum arvense L. - G rhiz - Circumbor. - R. Wet places. 450-980 m

Equisetum ramosissimum Desf. - G rhiz - Paleotemp. - S. Wet places. 170-770 m

Equisetum telmateia Ehrh. - G rhiz - Euri-Medit. Macaron. - R. Wet woodlands, roadsides. 440-970 m

Lycopodiopsida

Selaginellales

Selaginellaceae

Selaginella denticulata (L.) Spring - Ch rept - Medit-Macaron. - C. Rocks, woodlands, walls. 164-1330 m
First report: Veri & Bruno 1974

Isoëtales

Isoëtaceae

Isoëtes durieui Bory - G bulb - W-Medit. - R. Wet rocks, wet meadows. 300-1330 m

Isoëtes gymnocarpa (Gennari) A. Braun - G bulb - S-Medit. - R. Wet places. 164-1100 m

Isoëtes histrix Bory - G bulb - Medit-Atl. - S. Wet places. 164-1300 m

First report: Fiori 1913

Isoëtes longissima Bory - I rad - SW-Medit. - R. Temporarily submerged places, ponds. 164-610 m

Specimen seen: Monte Limbara, al Prado de Rio di Baldu, di là di Tanca Manna, dopo il 27° km. 24-VI-1908, *sine coll.* (SASSA)

Psilotopsida

Ophioglossales

Ophioglossaceae

Ophioglossum lusitanicum L. - G rhiz - Subatl. - S. Wet sandy soils, garrigues. 164-1050 m

First report: Fiori 1913

Polypodiopsida

Osmundales

Osmundaceae

Osmunda regalis L. - G rhiz - Subcosmop. - C. Watercourses, springs, wet woodlands. 165-1250 m

First report: Cavara 1908

Polypodiales

Pteridaceae

Adiantum capillus-veneris L. - G rhiz - Subtrop. - S. Wet crevices, streams, springs, caves, wet woodlands. 250-900 m

Oeosporangium guanchicum (Bolle) Fraser-Jenk. - H ros - Medit-Macaron. RR. Rocks. 165-700 m

Oeosporangium pteridioides (Reichard) Fraser-Jenk. & Pariyar - H ros - Medit-Turan. - RR. Rocks. 400-450 m

Oeosporangium tinaei (Tod.) Fraser-Jenk. - H ros - Medit-Macaron. - S. Rocks. 165-950 m

Anogramma leptophylla (L.) Link - T caesp - Pantrop. - C. Rocks, walls, scarps, woodlands. 165-1050 m

Dennstaedtiaceae

Pteridium aquilinum (L.) Khun - G rhiz - Cosmop. - C. Woodlands, scrublands, grasslands, wet places. 170-1350 m
First report: Negodi 1931

Polypodiaceae

Polypodium cambricum L. - H ros - Euri-Medit. - C. Rocks, woodlands, walls, ruderal. 164-1150 m
First report: Veri & Bruno 1974

Polypodium interjectum Shivas - H ros - Medit-Atl. - R. Woodlands, rocks. 500-950 m

Polypodium vulgare L. - H ros - Paleotemp. - S. Rocks, woodlands. 700-1340 m
First report: Arrigoni 2006

Aspleniaceae

Asplenium ceterach L. - H ros - Euras. - R. Rocks, walls, ruderal, woodlands, scarps. 165-730 m
First report: Veri & Bruno 1974

Asplenium foreziense Legrand ex Magnier - H ros - C-S Europ. - RR. Rocks. 1250-1335 m
First report: Fiori 1913

Notes: the taxon has been often reported for Sardinia in confusion with *A. obovatum* subsp. *billotii*. Here is the first confirmation of the species for the Sardinian flora (specimen in FI).

Asplenium obovatum Viv. subsp. *billotii* (F. W. Schultz) O. Bolos, Vigo, Masalles & Ninot - H ros - SW-Medit. Macaron. - S. Rocks, woodlands. 250-1320 m

Asplenium obovatum Viv. subsp. *obovatum* - H ros - Medit-Macaron. - S. Rocks, woodlands, walls. 250-1110 m

Asplenium onopteris L. - H ros - Medit-Macaron. - C. Rocks, woodlands, walls. 165-1340 m
First report: Fiori 1913

Asplenium septentrionale (L.) Hoffm. - H ros - Circumbor. R. Rocks. 900-1350 m
First report: Veri & Bruno 1974

Asplenium trichomanes L. subsp. *trichomanes* - H ros - Subcosmop. - C. Rocks, woodlands, walls. 165-1310 m
First report: Joncheere 1963
Notes: specimens collected in the study area correspond to the nominal subspecies, as in Arrigoni (2006).

Athyriaceae

Athyrium filix-foemina (L.) Roth - H ros - Subcosmop. - S. Wet woodlands, streams, springs, shady rocks. 300-1250 m
First report: Negodi 1931

Cystopteris dickieana R. Sim. - H caesp - Subcosmop. - R. Rocks, woodlands, walls. 900-1350 m
First report: Profumo 1965

Cystopteris fragilis (L.) Bernh. - H caesp - Cosmop. S. Rocks, woodlands. 550-1250 m
First report: Nicotra 1896

Dryopteridaceae

Dryopteris oreades Fomin - G rhiz - Subatl. - S. Rocks, woodlands, streams. 600-1355 m
First report: Veri & Bruno 1974 sub *D. filix-mas* (L.) Schott

Polystichum setiferum (Forsskål) Woynar - G rhiz - Subatl. - S. Woodlands, streams, rocks. 300-1350 m
First report: Barbey 1884

Blechnaceae

Struthiopteris spicant (L.) Weiss - H ros - Anfiatl. - S. Springs, streams, wet woodlands. 500-1320 m
First report: Barbey 1884

Salviniales

Marsileaceae

Marsilea strigosa Willd. - G rhiz - Steno-Medit. - R. Shores of Lake Coghinas. 160-164 m

First report: Calvia & Urbani 2007

Gymnospermae Pinopsida

Pinales

Pinaceae

Abies cephalonica Loudon - P scap - Endem. He - P/NAT - S. Reforestations, heaths, garrigues, rocks. 800-1300 m

First report: Pavari & De Philippis 1941

Notes: once cultivated in reforestations, now it is spreading in several places of the mountain, mostly in the cacuminal areas (Galasso & al. 2019).

* *Abies nordmanniana* (Steven) Spach - P scap - Caucas. - OP

First report: Veri & Bruno 1974

Notes: rare trees were planted in reforestations (Limbara Nord), mixed with other firs (900-1100 m).

Cedrus atlantica (Endl.) G. Manetti ex Carrière - P scap - Endem. Ma - P/NAT - S. Reforestations, heaths, garrigues. 500-1330 m

First report: Pavari & De Philippis 1941

Notes: once cultivated in reforestations, now it is spreading in several places of the mountain, mostly above 1000 m a.s.l. (Galasso & al. 2018b).

* *Cedrus deodara* (Roxb.) G. Don - P scap - C-As. - OP

First report: Veri & Bruno 1974

Notes: it has rarely been planted in reforestations, with other conifers (600-1100 m).

Pinus canariensis C. Sm. ex DC. - P scap - Macaron. - P/CAS - RR. Reforestations. 400-600 m

First report: Veri & Bruno 1974

Notes: it has been planted in reforestations. A few trees are growing spontaneously so far.

* *Pinus elliottii* Engelm. - P scap - N-Amer. - OP

First report: Veri & Bruno 1974

Notes: a few trees were planted in the area. They still exist in the locality of Cagghjnosa (550-600 m).

* *Pinus halepensis* Mill. subsp. *brutia* (Ten.) Holmboe - P scap - NE-Medit. - OP

Notes: it was planted in two small areas of the "Limbara Nord", mixed with other pines (650-800 m).

Pinus halepensis Mill. subsp. *halepensis* - P scap - Steno-Medit. - P/NAT - R. Scrublands, roadsides. 450-650 m

Notes: it has been planted in reforestations, and now is spreading not far from the plantation sites.

Pinus nigra J. F. Arnold subsp. *laricio* Palib. ex Maire - P scap - Endem. Co It Si - P/INV - C. Reforestations, heaths, garrigues, rocks, paths, roadsides. 550-1350 m

First report: Pavari 1935

Notes: once abundantly cultivated in reforestations, now it is invading vast areas of the mountain (Bartolucci & al. 2018b), especially all the heather dominated zones above 1000 m. According to Pavari (1935), on the Limbara massif they planted also *P. n.* subsp. *salzmannii* (Dunal) Franco.

Pinus pinaster Aiton subsp. *pinaster* - P scap - W-Medit. Atl. - S. Woodlands, rocks, scrublands. 500-1250 m

First report: Desole 1960

Notes: in addition to the native populations, the taxon has been planted in reforestations, from where it is locally going wild. In the "Limbara Sud" State Forest, it has been used local germplasm for reforestations, while on the "Limbara Nord" it is unknown.

Pinus pinea L. - P scap - Euri-Medit. - P/NAT - R. Reforestations, scrublands, roadsides. 300-650 m

First report: Veri & Bruno 1974

Notes: once planted in vast reforestations, it has locally started to spread in the nearer areas.

Pinus radiata D. Don - P scap - N-Amer. - P/NAT - R. Scrublands, reforestations. 400-650 m

First report: Veri & Bruno 1974

Notes: once planted for commercial purpose and in reforestations, it is locally originating a rapid naturalisation.

* *Pseudotsuga menziensis* (Mirb.) Franco - P scap - N-Amer. - OP

First report: Pavari & De Philippis 1941

Notes: it had been planted in some reforestations (Limbara Nord), with other conifers (950-1060 m).

Cupressales

Cupressaceae

Chamaecyparis lawsoniana (A. Murray) Parl. - P scap - N-Amer. - P/CAS - RR. Reforestations, roadsides. 1050-1060 m

First report: Veri & Bruno 1974

Notes: once planted in reforestations, only a few seedlings and one sapling are known on the mountain.

* *Cupressus sempervirens* L. - P scap - E-Medit. - OP

First report: Veri & Bruno 1974

Notes: it had been planted in reforestations and in other human contexts (200-1000 m).

Hesperocyparis arizonica (Green) Bartel - P scap - N-Amer. - P/CAS - RR. Reforestations. 500-600 m

First report: Veri & Bruno 1974

* *Hesperocyparis glabra* (Sudw.) Bartel - P scap - N-Amer. - OP

Notes: it has been planted in reforestations (450-950 m).

Juniperus communis L. var. *saxatilis* Pall. - NP - Arct-Alp. - RR. Garrigues. 1290-1320 m

Notes: the nomenclature follows Adams (2014). Only a few shrubs are known, growing in garrigues near the summit of the mountain. They probably represent the last examples of a wider population nearly extinct after human activities.

Juniperus oxycedrus L. - P caesp - W-Medit. - C. Scrublands, rocks, woodlands, garrigues. 165-1330 m

First report: Veri & Bruno 1974

* *Sequoiadendron giganteum* (Lindley) J. Bucholz - P scap - N-Amer. - OP

First report: Pavari & De Philippis 1941

Notes: About 40 trees were planted in 1933, in the locality of Vallicciola. One single tree has also been planted near the small church of Madonna della Neve (1050-1250 m). Though fruiting every year, not a single seedling has been observed in the area. Today, 28 trees survive.

Thuja occidentalis L. - P scap - N-Amer. - OP

First report: Pavari & De Philippis 1941

Notes: 1000 saplings were planted in 1933 in Vallicciola. Only about 40-50 trees persist today.

Taxaceae

Taxus baccata L. - P scap - Paleotemp. - S. Rocks, streams, springs, woodlands, scrublands. 400-1350 m

First report: Cavara 1908.

Angiospermae Magnoliopsida

Nymphaeales

Nymphaeaceae

Nymphaea alba L. - I rad - Euri-Medit. Atl. - R. Slow flowing waters. 270-450 m

Nymphaea x marliacea Lat.-Marl. - I rad - ? - A/CAS - RR. In an artificial lake. 990 m

First report: Desfayes 2008 sub *N. alba*

Notes: it appears to be a hybrid cultivar of *N. odorata* Aiton, since its petioles are covered in velvety hair, its fragrant flowers are pink-purplish (diam. 12 cm), and the leaves are small and reddish (diam. 9-12 cm).

Lurales

Lauraceae

Laurus nobilis L. - P scap - Steno-Medit. - P/NAT - R. Woodlands, fallow land, reforestations, streams. 200-600 m

Ceratophyllales

Ceratophyllales

Ceratophyllum submersum L. - I rad - Europ.-N-Afr. - R. Watercourses. 200-550 m

Notes: this taxon has not been reported by Bartolucci & al. (2018a). We confirm its presence in Sardinia, after the report by Arrigoni (2006) to the neighbouring Coghinias area.

Piperales

Aristolochiaceae

Aristolochia rotunda L. subsp. *insularis* (E. Nardi & Arrigoni) Gamisans - G rhiz - Endem. Sa Co AT - R. Wet woodlands, streams. 200-1060 m

First report: Nardi & Arrigoni 1983

Alismatales

Araceae

Ambrosinia bassii L. - G rhiz - W-Medit. - S. Woodlands, sandy soils, grasslands, scrublands, rocks. 164-800 m

Arisarum vulgare O. Targ-Tozz. - G bulb - Steno-Medit. - C. Woodlands, rocks, scrublands, grasslands, garrigues, ruderal. 164-1100 m

Arum italicum Mill. - G rhiz - Steno-Medit. - R. Clearings, fallow land, wet places. 165-1000 m

Arum pictum L. f. subsp. *pictum* - G bulb - Subendem. Sa Co AT Bl - C. Scrublands, woodlands, rocks, grasslands, garrigues. 165-950 m

First report: Veri & Bruno 1974

Helicodiceros muscivorus (L. f.) Engl. - G rhiz - Subendem. Sa Co Bl - R. Rocks, garrigues, scrublands. 590-850 m

First report: Veri & Bruno 1974

Notes: the authors above found this taxon on the central side of the mountain, in the locality Sarra di Mezzu (1100 m a.s.l.). Although we searched for it in all that area, we did not find it there.

Lemna gibba L. - I nat - Subcosmop. - R. Standing water, lakes, ponds, springs. 164-300 m

Lemna minor L. - I nat - Subcosmop. - S. Ponds, lakes, springs, standing water. 164-750 m

Lemna minuta Kunth - I nat - N-Amer. - A/NAT - R. Ponds, springs, standing water. 164-400 m

Alismataceae

Alisma plantago-aquatica L. - I rad - Subcosmop. - R. Watercourses, lakes, ponds. 164-990 m

First report: Desfayes 2008

Baldellia ranunculoides (L.) Parl. - I rad - Medit-Atl. - R. Ponds, streams. 270-500 m

Juncaginaceae

Triglochin laxiflora Guss. - G bulb - W-Medit. - R. Wet meadows, woodlands, scrublands. 164-550 m

Potamogetonaceae

Potamogeton natans L. - I rad - Subcosmop. - S. Watercourses, lakes, ponds. 230-1035 m

First report: Arrigoni 2015b

Potamogeton pusillus L. - I rad - Subcosmop. - RR. Lakes, watercourses. 500-575 m

Dioscoreales

Dioscoreaceae

Dioscorea communis (L.) Caddick & Wilkin - G rad - Euri-Medit. - S. Scrublands, woodlands, rocks. 165-1250 m

First report: Veri & Bruno 1974

Liliales

Agaveaceae

Agave americana L. P caesp - P/CAS - R. - Roadsides, ruderal, fallow land. 170-450 m

Smilacaceae

Smilax aspera L. - P lian - Paleosubtrop. - C. Scrublands, woodlands, streams, rocks, hedges. 165-1000 m

First report: Veri & Bruno 1974

Liliaceae

Gagea bohemica (Zauschn.) Schult. & Schult. f. - G bulb - Euri-Medit. - R. Garrigues, grasslands, rocks, scrublands. 650-1340 m

First report: Arrigoni 2015a

Gagea granatellii (Parl.) Parl. - G bulb - W-Medit. - S. Garrigues, grasslands, scrublands, woodlands, rocks. 164-1300 m

First report: Arrigoni 2015a

Gagea soleirolii F. W. Schultz ex Mutel - G bulb - W-Medit. - R. Garrigues, grasslands, rocks. 990-1340 m

First report: Veri & Bruno 1974

Asparagales

Asparagaceae

Asparagus acutifolius L. - G rhiz - Steno-Medit. - C. Scrublands, hedges, walls, woodlands, scarps, rocks. 165-900 m

First report: Terracciano 1914

Asparagus albus L. - Ch frut - W-Medit. - R. Scrublands, rocks. 165-300 m

Bellevalia romana (L.) Sweet - G bulb - C-Medit. - RR. Roadsides. 200-250 m

Brimeura fastigiata (Viv.) Chouard - G bulb - Subendem. Sa Co Bl - C. Rocks, scarps, scrublands, woodlands, garrigues, sandy soils. 165-1355 m

First report: Barbey 1884

Charybdis glaucophylla Bacch., Brullo, D'Emerico, Pontec. & Salmeri - G bulb - Endem. Sa Co - S. Garrigues, rocks, sandy soils. 980-1300 m

First report: Fenu & al. 2016

Charybdis pancration (Steinh.) Speta - G bulb - CW-Medit. - C. Rocks, scarps, grasslands, scrublands, woodlands. 164-1150 m

Charybdis undulata (Desf.) Speta - G bulb - S-Medit. - S. Sandy soils, grasslands, scarps, rocks, garrigues. 164-800 m

Loncomelos narbonensis (L.) Raf. - G bulb - Euri-Medit. - R. Grasslands, roadsides. 200-1045 m

Loncomelos pyrenaicus (L.) L. D. Hrouda - G bulb - Euri-Medit. - R. Woodlands, scrublands, grasslands. 164-1210 m

First report: Nicotra 1896

Muscari comosum (L.) Mill. - G bulb - Euri-Medit. - C. Grasslands, scrublands, clearings, wet places. 165-1250 m

First report: Terracciano 1914

Muscari neglectum Guss. Ex Ten. - G bulb - Medit-Turan. RR. Fallow land. 450-500 m

First report: Garbari 1984

Ornithogalum corsicum Jord. & Fourr. - G bulb - Endem. Sa Co - S. Grasslands, sandy soils, scrublands, rocks, clearings. 164-1100 m

First report: Fiori 1913

Polygonatum multiflorum (L.) All. - G rhiz - R. Rocks, scrublands. 1050-1250 m

First report. Corrias & Diana-Corrias 1979

Prospero autumnale (L.) Speta - G bulb - Euri-Medit. - C. Grasslands, sandy soils, garrigues, scrublands, woodlands. 164-1350 m

First report: Terracciano 1914

Prospero corsicum (Boullu) J.-M. Tison - G bulb - Endem. Sa Co - S. Wet meadows, garrigues, clearings. 164-1330 m

Prospero obtusifolium (Poir.) Speta subsp. *intermedium* (Guss.) Soldano & Conti - G bulb - SW-Medit. - R. Sandy soils, grasslands, scrublands. 164-450 m

First report: Terracciano 1914

Ruscus aculeatus L. - G rhiz - Euri-Medit - C. Woodlands, scrublands, rocks. 165-1300 m

First report: Veri & Bruno 1974

Urginea fugax (Moris) Steinh. - G bulb - SW-Medit. - S. Sandy soils, grasslands, scrublands, clearings, scarps. 165-610 m

Amaryllidaceae

Allium chamaemoly L. - G bulb - Steno-Medit. - S. Grasslands, garrigues, clearings. 165-620 m

Allium parviflorum Viv. - G bulb - Endem. Sa Co - C. Garrigues, rocks, grasslands, scarps, clearings, scrublands, sandy soils. 400-1350 m
First report: Valsecchi 1974

Allium polyanthum Schult. & Schult. f. - G bulb - Euri-Medit. - S. Grasslands, fallow land, roadsides, scarps, scrublands, clearings. 164-1320 m

Allium roseum L. - G bulb - Steno-Medit. - S. Grasslands, garrigues, scrublands, roadsides. 165-1250 m
First report: Terracciano 1914

Allium sardoum Moris - G bulb - Steno-Medit. - R. Grasslands, scrublands, garrigues. 164-1030 m

Allium subhirsutum L. - G bulb - Steno-Medit. - C. Grasslands, scrublands, woodlands, scarps, roadsides, fallow land. 164-900 m

Allium triquetrum L. - G bulb - W-Medit. - C. Grasslands, woodlands, fallow land, garrigues, scrublands, ruderal, rocks, roadsides. 164-1300 m
First report: Veri & Bruno 1974

Allium vineale L. - G bulb - Euri-Medit. - C. Garrigues, grasslands, rocks, scrublands, clearings. 165-1350 m
First report: Veri & Bruno 1974

Narcissus miniatus Donn.-Morg., Koop, Zonn. - G bulb - Steno-Medit. - R. Sandy soils, grasslands, scrublands, clearings. 164-400 m

Narcissus tazetta L. subsp. *aureus* (Loisel) Baker - G bulb - Steno-Medit. - C. Rocks, garrigues, scarps, wet meadows, scrublands. 164-1220 m
First report: Veri & Bruno 1974

Narcissus tazetta L. subsp. *tazetta* - G bulb - Steno-Medit. - S. Grasslands, woodlands, scrublands, garrigues, rocks, wet places. 164-1200 m
First report: Negodi 1931

Pancratium illyricum L. - G bulb - Endem. Sa Co AT - C. Grasslands, garrigues, rocks, scrublands, woodlands, scarps. 164-1250 m
First report: Cavara 1908

Asphodelaceae

Asphodelus fistulosus L. - H scap - Paleosubtrop. - R. Grasslands, clearings. 500-600 m

Asphodelus ramosus L. subsp. *ramosus* - G tub - Steno-Medit. - CC. Grasslands, pastures, scrublands, garrigues, scarps, woodlands, roadsides. 164-1340 m
First report: Cavara 1908

Iridaceae

Crocus minimus DC. - G bulb - Endem. Sa Co - CC. Grasslands, garrigues, scrublands, woodlands, rocks, wet places, sandy soils. 164-1345 m
First report: Barbey 1884

Freesia alba (G. L. Mey.) Gumbel. - G bulb - S-Afr. - P/CAS - RR. Scarps, fallow land, roadsides. 200-250 m

Gladiolus byzantinus Mill. - G bulb - Steno-Medit. - R. Garrigues, scrublands, wet places, rocks, woodlands. 200-900 m
First report: Arrigoni 2015a

- Gladiolus italicus* Mill. - G bulb - Euri-Medit. - RR. Roadsides. 200-250 m
- Hermodactylus tuberosus* (L.) Mill. - G rhiz - N-Medit. - P/CAS - RR. Fallow land. 550 m
- Iris germanica* L. - G rhiz - Euri-Medit - P/NAT - S. Roadsides, fallow land, ruderal, scarps, clearings. 200-1210 m
- Limniris pseudoacorus* (L.) Fuss - G rhiz - Euras. - R. Wet places. 164-500 m
- Moraea sisyrinchium* (L.) Ker Gawl. - G bulb - Steno-Medit. - RR. Grasslands, roadsides. 450-500 m
- Romulea bulbocodium* (L.) Sebast. & Mauri - G bulb - Steno-Medit. - C. Grasslands, scrublands, garrigues, clearings. 165-1100 m
First report: Nicotra 1896
- Romulea columnae* Seb. & Mauri - G bulb - Steno-Medit. - C. Grasslands, wet meadows, scrublands, garrigues, sandy soils. 164-1300 m
First report: Terracciano 1914
- Romulea ligustica* Parl. - G bulb - W-Medit. - CC. Grasslands, wet meadows, garrigues, scrublands, rocks, woodlands, roadsides. 164-1050 m
First report: Fiori 1913
- Romulea ramiflora* Ten. - G bulb - Medit-Macaron. - R. Wet meadows, scrublands. 164-800 m
- Romulea requienii* Parl. - G bulb - Endem. Sa Co - C. Wet meadows, garrigues, woodlands, scrublands, rocks, roadsides. 164-1340 m
First report: Barbey 1884
- Romulea revelieri* Jord. & Fourr. - G bulb - Endem. Sa Co - RR. Wet meadows, scrublands. 1050-1300 m
First report: Fridlender 1999
- Romulea rosea* (L.) Eckl. - G bulb - Sudafir. - A CAS - RR. Grasslands, fallow land. 450-500 m
- Romulea ×limbarae* Bég. - G bulb - Endem. Sa - S. Grasslands, garrigues, wet places, rocks. 500-1100 m
First report: Béguinot 1908
Notes: it is probably a hybrid between *R. requieni* and *R. ligustica*.
- Orchidaceae**
- Anacamptis laxiflora* (Lam.) R. M. Bateman, Pridgeon & M. W. Chase - G bulb - Euri-Medit. - S. Wet meadows, springs, wet woodlands. 164-1045 m
- Anacamptis longicornu* (Poir.) R. M. Bateman, Pridgeon & M. W. Chase - G bulb - W-Medit. - C. Grasslands, scrublands, wet meadows, roadsides, woodlands, garrigues. 164-1330 m
First report: Negodi 1931
- Anacamptis papilionacea* (L.) R. M. Bateman, Pridgeon & M. W. Chase var. *grandiflora* Boissier - G bulb - W-Medit. - R. Scrublands, woodlands, grasslands, rocks, scarps. 164-750 m
- Anacamptis papilionacea* (L.) R. M. Bateman, Pridgeon & M. W. Chase var. *papilionacea* - G bulb - Euri-Medit. - C. Grasslands, scrublands, roadsides, garrigues, woodlands. 164-1340 m
First report: Barbey 1884
- Anacamptis ×bornemannii* (Asch.) H. Kretzschmar - G bulb - W-Medit. - R. Grasslands, roadsides, woodlands, scrublands. 164-800 m
Notes: it is the hybrid between *A. papilionacea* and *A. longicornu*.
- Anacamptis ×sarcidani* Scrugli & Grasso - G bulb - W-Medit. - RR. Wet meadows, springs. 480-1200 m
First report: Calvia & Doneddu 2012
Notes: it is the hybrid between *A. laxiflora* and *A. longicornu*.
- Barlia robertiana* (Loisel.) Greuter - G bulb - Steno-Medit. - R. Roadsides, grasslands, scarps, clearings. 164-530 m

Cephalanthera longifolia (L.) Fritsch - G rhiz - Euras. - C. Woodlands, scrublands, garrigues, grasslands, rocks, springs. 500-1280 m

First report: Terracciano 1914

Dactylorhiza insularis (Sommier) O. Sanchez & Herrero - G bulb - W-Medit. - S. Scrublands, grasslands, clearings, scarps, garrigues, open woodlands. 500-1335 m

First report: Gennari 1867

Epipactis microphylla (Ehrh.) Sw. - G rhiz - Euro-Cauc. - R. Woodlands, clearings, roadsides. 500-900 m

First report: Calvia 2009

Limodorum abortivum (L.) Sw. - G rhiz - Euri-Medit. - C. Woodlands, scrublands, garrigues. 164-1200 m

First report: Veri & Bruno 1974

Neotinea lactea R. M. Bateman, Pidgeon & M. W. Chase - G bulb - Steno-Medit. - C. Scrublands, grasslands, woodlands, scarps. 164-1030 m

First report: Veri & Bruno 1974

Neotinea maculata (Desf.) Stearn - G bulb - Steno-Medit. - C. Woodlands, scarps, scrublands, garrigues. 165-1060 m

First report: Nicotra 1896

Neottia nidus-avis (L.) Rich. - G rhiz - Euras. - RR. Woodlands. 500-600 m

First report: Adamo & al. 2007

Notes: the authors above cited two herbarium specimens preserved in NA, presumably collected by Terracciano, labelled as follows: "Dal nuraghe Tanca Manna al rio di Baldu, Tempio, 10-V-1916, *sine coll.*"; Tanca Manna presso il rio d'Andrea, Tempio, 10-V-1916, *sine coll.*". The taxon still grows in that area. Other populations are known elsewhere in the municipality of Tempio Pausania.

Ophrys apifera Huds. - G bulb - Euri-Medit. - RR. Open woodlands. 200-250 m

Notes: in May 2020, we found a few flowering plants growing in cork oak woodlands on the southern side of the study area.

Ophrys bombyliflora Link - G bulb - W-Medit. - RR. Roadsides, grasslands, scarps. 200-300 m

Ophrys conradi Melki & Deschartres - G bulb - Endem. Sa Co It - R. Woodlands, scrublands, scarps. 170-300 m

Ophrys exaltata Ten. subsp. *morisii* (Martelli) Del Prete - G bulb - Endem. Sa Co - R. Scrublands, clearings, roadsides, grasslands, scarps. 164-900 m

Ophrys incubacea Bianca - G bulb - W-Medit. - R. Roadsides, clearings. 200-900 m

Ophrys tenthredinifera Willd. subsp. *neglecta* (Parl.) E. G. Camus - G bulb - Endem. Sa Co It - S. Grasslands, wet meadows, roadsides, garrigues, woodlands. 164-900 m

First report: Calvia & Doneddu 2012, sub *O. tenthredinifera* s.l.

Orchis anthropophora (L.) All. - G bulb - Medit-Atl. - EX(?). Scarps, scrublands, woodlands. 250-350 m

First report: Barbey 1884

Specimen seen: Limbara, 1828, *Moris* (SASSA)

Notes: we found some plants along the Valley Carasu (southern side of the area). This population disappeared in 2009 after a mass passage of wild-boars, and we did not observe it anymore.

Orchis provincialis Balbis ex Lam. & DC. - G bulb - Steno-Medit. - S. Scrublands, grasslands, woodlands, scarps, rocks, wet meadows. 250-1100 m

First report: Negodi 1931

Platanthera algeriensis Batt. & Trab. - G bulb - W-Medit. - RR. Wet places. 950-1300 m

First report: Terracciano 1910a

Serapias cordigera L. - G bulb - Steno-Medit. - S. Grasslands, scrublands, woodlands, garrigues. 164-1200 m

First report: Nicotra 1896

Serapias lingua L. - G bulb - Steno-Medit. - C. Grasslands, wet places, garrigues, scrublands, rocks. 164-1300 m
First report: Veri & Bruno 1974

Serapias nurrica Corrias subsp. *nurrica* - G bulb - Subendem. Sa Co Si It Tu - RR. Garrigues, scrublands. 450-800 m
First report: Doneddu & Calvia 2008

Serapias parviflora Parl. - G bulb - Steno-Medit. - S. Garrigues, grasslands, wet meadows, scrublands, roadsides. 164-850 m

Serapias ×*semilingua* Camus - G bulb - Steno-Medit. - R. Grasslands, scrublands, wet meadows, roadsides. 164-650 m
Notes: it is the hybrid taxon between *S. lingua* and *S. parviflora*.

Spiranthes aestivalis (Poir.) Rich. - G rhiz - Medit-Atl. - C. Streams, wet scarps. 250-1000 m
First report: Terracciano 1910a

Spiranthes spiralis (L.) Chevall. - G rhiz - Medit-Macaron. - S. Scrublands, woodlands, grasslands, roadsides. 164-870 m
First report: Calvia & Doneddu 2012

Poales

Typhaceae

Sparganium erectum L. - I rad - Euras. - R. Wet meadows, ponds, watercourses. 450-720 m

Typha angustifolia L. - G rhiz - Circumbor. - S. Streams, ponds, lakes, springs. 165-990 m

Typha latifolia L. - G rhiz - Subcosmop. - S. Streams, lakes, ponds, springs. 165-1030 m

Juncaceae

Juncus acutus L. - H caesp - Euri-Medit. - S. Wet meadows, scrublands. 164-600 m

Juncus anceps Laharpe - G rhiz - W-Medit. Atl. - R. Wet places. 500-750 m
First report: Terracciano 1914

Juncus articulatus L. - G rhiz - Circumbor. - C. Wet places. 164-1265 m
First report: Nicotra 1896

Juncus bufonius L. - T caesp - Cosmop. - C. Wet places, grasslands, sandy soils. 164-1310 m
First report: Nicotra 1896

Juncus bulbosus L. - I rad - Europ. - R. Streams, ponds, lakes, springs. 400-1150 m
First report: Veri & Bruno 1974

Juncus capitatus Weigel - T scap - Euri-Medit. Atl. - S. Wet meadows, ponds, springs. 164-1300 m
First report: Terracciano 1914

Juncus conglomeratus L. - H caesp - Eurosib. - S. Springs, ponds, wet woodlands. 164-1290 m
First report: Terracciano 1914

Juncus effusus L. subsp. *effusus* - H caesp - Cosmop. - C. Ponds, streams, lakes. 164-1210 m
First report: Cavara 1908

Juncus foliosus Desf. - T caesp - W-Medit. - R. Wet meadows, ponds, springs. 450-650 m
First report: Arrigoni 2015b

Juncus heterophyllus Dufour - I rad - Medit-Atl. - S. Streams, springs, lakes. 200-1030 m
First report: Veri & Bruno 1974

Juncus hybridus Brot. - T caesp - Medit-Atl. - R. Wet meadows, ponds, springs. 980-1300 m

Juncus inflexus L. - H caesp - Paleotemp. - R. Springs, streams, ponds, lakes. 400-800 m

Juncus minutulus (Albert & Jahand.) Prain. - T caesp - Europ. - RR. Wet meadows. 1280-1300 m

Juncus pygmaeus Rich. ex Thuill. - T caesp - Medit-Atl. - R. Wet meadows, ponds. 450-1300 m
First report: Veri & Bruno 1974

Juncus sorrentinii Parl. - T caesp - W-Medit. - R. Wet meadows, ponds. 164-990 m
First report: Arrigoni 2015b

Juncus subnodulosus Schrank - G rhiz - Euro-Cauc. - S. Streams, springs, lakes. 300-1290 m
First report: Arrigoni 2015b

Juncus tenageja L. f. - T caesp - Paleotemp. - R. Wet meadows, ponds, clearings. 500-1300 m
First report: Arrigoni 2015b

Luzula campestris (L.) DC. - H caesp - Euro-Cauc. - S. Rocks, grasslands, garrigues. 500-1340 m
First report: Nicotra 1896

Luzula forsteri (Sm.) DC. - H caesp - Euri-Medit. - C. Woodlands, scrublands. 164-1300 m
First report: Nicotra 1896

Luzula pilosa (L.) Willd. - H caesp - Circumbor. - R. Woodlands. 800-1000 m
First report: Terracciano 1914

Cyperaceae

Carex caryophyllea Latourr. - H scap - Euras. - S. Wet meadows, garrigues, streams, ponds. 200-1340 m
First report: Barbey 1884

Notes: the subsp. *insularis* (Christ) Arrigoni (which is still accepted by Pignatti 2017-2019) is here considered only a xeromorphic ecotype, as in Tison & De Foucault (2014).

Carex distachya Desf. - H caesp - Steno-Medit. - C. Woodlands, scrublands. 165-1250 m
First report: Terracciano 1914

Carex distans L. - H caesp - Euri-Medit. - S. Wet woodlands, springs. 200-1210 m

Carex divisa Huds. - G rhiz - Euri-Medit. Atl. - S. Wet meadows, grasslands, ponds. 164-1045 m

Carex divulsa Stokes - H caesp - Euri-Medit. - C. Woodlands, wet places, fallow land. 165-1060 m
First report: Terracciano 1914

Carex flacca Schreb. subsp. *erytrostachys* (Hoppe) Holub - G rhiz - Europ. - S. Wet meadows, open woodlands. 165-1000 m

Carex flacca Schreb. subsp. *flacca* - G rhiz - Europ. - R. Wet meadows, scrublands. 700-800 m

Carex hispida Willd. - G rhiz - Steno-Medit. - S. Streams, ponds, lakes, springs. 165-900 m

Carex leporina L. - H caesp - Eurosib. - EX(?). Along a stream. 1000-1050 m
Notes: the only population known was removed after some works on the stream along it grew.

Carex microcarpa Bertol. ex Moris - He/G rhiz - Endem. Sa Co AT It - C. Wet places. 165-1330 m
First report: Moris 1837-59

Carex oedipostyla Duval-Jouve - G rhiz - W-Medit. - R. Scrublands, woodlands. 165-550 m
First report: Ruggero & Calvia 2014

Carex olbiensis Jordan - H caesp - W-Medit. - RR(EX?). Wet woodlands. 550-650 m
First report: Ruggero & Calvia 2014

Carex otrubae Podp. - H caesp - Euri-Medit. Atl. - R. Wet meadows, wet woodlands. 164-530 m

Carex pallescens L. - H caesp - Circumbor. - S. Streams, springs, wet scrublands. 500-1300 m
First report: Veri & Bruno 1974

Carex panormitana Guss. - G rhiz - Subendem. Sa Si Tu - C. Streams. 250-900 m
First report: Pisanu & al. 2013

Carex punctata Gaudin - H caesp - Subatl. - R. Springs, wet woodlands, ponds. 500-950 m
First report: Veri & Bruno 1974

Carex remota L. - H caesp - Euro-Cauc. - S. Wet woodlands, watercourses. 165-1050 m
First report: Arrigoni 2015b

Carex viridula Michx. - H caesp - Euras. - R. Springs, wet meadows, streams. 400-1300 m
First report: Veri & Bruno 1974, sub *C. oederi* Retz.

Cyperus badius Desf. - G rhiz/He - Paleosubtrop. - C. Wet places. 164-870 m

Cyperus eragrostis Lam. - G rhiz - Neotrop. - A/NAT - R. Wet places, fallow land, roadsides. 164-570 m

Cyperus flavescens L. - T caesp - Subcosmop. - R. Wet places. 165-750 m
First report: Ruggero & Calvia 2014

Cyperus fuscus L. - T caesp - Paleotemp. - R. Wet meadows, brooklets, springs. 160-180 m

Cyperus michelianus (L.) Delil - T scap - Paleosubtrop - R. Shores of Lake Coghinas. 160-165 m

Cyperus rotundus L. - G rhiz - Subcosmop. - R. Roadsides, fallow land. 190-300 m

Eleocharis multicaulis (Sm.) Desv. - H caesp - Subatl. - R. Springs, ponds, lakes. 400-1300 m
First report: Desfayes 2008

Eleocharis palustris (L.) Roem. & Schult. - G rhiz - Subcosmop. - R. Wet places. 164-990 m

Isolepis cernua (Vahl) Roem. & Schult. - T scap - Subcosmop. - S. Wet places. 164-850 m
First report: Arrigoni 2015b

Isolepis setacea (L.) R. Br. - T scap - Paleotemp. - R. Springs, ponds, streams. 250-1000 m
First report: Nicotra 1896

Schoenoplectus lacustris (L.) Palla - G rhiz/He - Subcosmop. - RR. Streams. 300-350 m

Schoenus nigricans L. - H caesp - Subcosmop. - S. Streams, ponds, scarps. 250-700 m
First report: Veri & Bruno 1974

Scirpoides holoschoenus (L.) Soják - G rhiz - Euri-Medit. - S. Wet places, sandy soils. 200-1250 m

Poaceae

Achnatherum bromoides (L.) P. Beauv. - H caesp - Steno-Medit. - S. Clearings, woodlands, scrublands, roadsides. 165-900 m

Agrostis castellana Boiss. & Reut. - H scap - Euri-Medit. - C. Grasslands, garrigues, clearings, scrublands, roadsides. 600-1350 m
First report: Arrigoni 2015b
Notes: we recognised both the var. *castellana* and var. *mutica* (Portal 2009).

Agrostis pourretii Willd. - T scap - W-Medit. - C. Grasslands, wet places, woodlands. 164-1320 m
First report: Veri & Bruno 1974

Agrostis stolonifera L. - H rept - Circumbor. - S. Wet places, clearings. 164-990 m
First report: Veri & Bruno 1974

Aira caryophyllea L. - T scap - Paleotrop. - C. Grasslands, scrublands, woodlands, roadsides. 164-1350 m
First report: Veri & Bruno 1974

Aira cupaniana Guss. - T scap - W-Medit. - S. Scrublands, woodlands, grasslands. 164-1200 m

Aira elegantissima Schur - T scap - Euri-Medit. - C. Grasslands, scrublands, woodlands, rocks. 164-1340 m
First report: Nicotra 1896

Aira intermedia Guss. - T scap - Steno-Medit. - R. Grasslands, woodlands, scrublands. 200-500 m
First report: Nicotra 1896

Aira multiculmis Dumort. - T scap - W-Medit. Atl. - R. Rocks, grasslands. 1000-1350 m

Alopecurus bulbosus Gouan - H caesp - Euri-Medit. - R. Wet meadows. 164-1300 m
First report: Veri & Bruno 1974

Alopecurus rendlei Eig - T scap - Euri-Medit. - R. Wet meadows, grasslands. 164-780 m

Anisantha fasciculata (C. Presl.) Nevski - T scap - S-Medit. - R. Grasslands, scrublands, scarps. 165-850 m

Anisantha madritensis (L.) Nevski - T scap - Euri-Medit. - C. Grasslands, scrublands, fallow land, garrigues, roadsides, rocks. 164-1250 m
First report: Veri & Bruno 1974

Anisantha rigida (Roth) Hyl. - T scap - Paleosubtrop. - C. Grasslands, scrublands, roadsides. 164-1300 m
First report: Veri & Bruno 1974

Anisantha rubens (L.) Nevski - T scap - Medit-Turan. - S. Clearings, grasslands, scrublands. 250-900 m

Anisantha sterilis (L.) Nevski - T scap - Medit-Turan. - C. Grasslands, fallow land, roadsides. 164-1300 m
First report: Veri & Bruno 1974

Anisantha tectorum (L.) Nevski - T scap - Paleotemp. - RR. Roadsides, grasslands. 1000-1100 m

Anthoxanthum aristatum Boiss. - T scap - W-Medit. - S. Sandy soils, rocks, clearings, garrigues. 164-1300 m

Anthoxanthum odoratum L. - H caesp - Euras. - C. Grasslands, wet places, woodlands, scrublands, rocks, garrigues. 164-1350 m
First report: Negodi 1931

Arundo donax L. - G rhiz - Cosmop. - P/NAT - S. Wet places, hedges, roadsides. 165-800 m

Avena barbata Pott. ex Link - T scap - Medit-Turan. - CC. Grasslands, pastures, fields, scrublands, roadsides, woodlands, garrigues, fallow land, ruderal, rocks. 164-1350 m
First report: Veri & Bruno 1974

Avena fatua L. - T scap - Euras. - P/NAT - R. Meadows, fields, roadsides, pastures. 200-500 m

Avena sativa L. - T scap - W-As. - P/CAS - R. Meadows, pastures, fields, roadsides, fallow land. 164-850 m

Avenella flexuosa (L.) Drejer - H caesp - Subcosmop. - S. Rocks, garrigues. 950-1340 m
First report: Cavara 1908

Bambusa vulgaris Schrad. ex J. C. Wendl. - G rhiz - E-As. - P/CAS - R. Along a stream. 300-450 m

Brachypodium distachyum (L.) P. Beauv. - T scap - Medit-Turan. - S. Scrublands, woodlands, grasslands, rocks, scarps. 165-870 m
First report: Veri & Bruno 1974

Brachypodium retusum (Pers.) P. Beauv. - H caesp - W-Medit. - C. Rocks, woodlands, scrublands, garrigues, grasslands. 165-1340 m

First report: Veri & Bruno 1974

Brachypodium sylvaticum (Hudson) P. Beauv. - H caesp - Paleotemp. - C. Woodlands, scrublands, scarps. 165-1310 m
First report: Veri & Bruno 1974

Briza maxima L. - T scap - Paleosubtrop. - C. Grasslands, scrublands, woodlands, garrigues, roadsides. 164-1350 m
First report: Negodi 1931

Briza minor L. - T scap - Subcosmop. - S. Wet meadows, clearings. 164-1210 m
First report: Veri & Bruno 1974

Bromus alopecuroides Poir. - T scap - Steno-Medit. - S. Grasslands, roadsides, scarps, woodlands. 164-750 m

Bromus hordeaceus L. subsp. *hordeaceus* - T scap - Subcosmop. - C. Grasslands, woodlands. 164-1330 m

Bromus hordeaceus L. subsp. *molliformis* (J. Lloyd ex Bertol.) Maire & Wallier - T scap - Euri-Medit. - S. Grasslands, woodlands, scrublands. 165-1300 m
First report: Negodi 1931

Bromus intermedius Guss. - T scap - Euri-Medit. - S. Grasslands, scrublands, woodlands. 300-1300 m

Bromus racemosus L. - T scap - Euro-Cauc. - R. Grasslands, wet meadows. 400-500 m
First report: Veri & Bruno 1974

Bromus scoparius L. - T scap - Steno-Medit. - S. Grasslands, scrublands, scarps. 170-500 m

Calamagrostis epigejos (L.) Roth - H caesp - Eurosib. - R. Clearings, scrublands. 950-1265 m
First report: Veri & Bruno 1974

Catapodium rigidum (L.) C. E. Hubb. - T scap - Euri-Medit. - C. Fallow land, grasslands, scrublands, woodlands, sandy soils. 164-1250 m
First report: Veri & Bruno 1974

Ceratochloa cathartica (Vahl) Herter - H caesp - Amer. - A/CAS - RR. Roadsides, meadows. 500-1250 m

Cynodon dactylon (L.) Pers. - G rhiz - Subcosmop. - C. Wet meadows, roadsides, fallow land. 164-1210 m

Cynosurus cristatus L. - H caesp - Euro-Cauc. - C. Grasslands, woodlands, scrublands. 164-1330 m
First report: Veri & Bruno 1974

Cynosurus echinatus L. - T scap - Euri-Medit. - C. Grasslands, scrublands, woodlands, scarps. 164-1300 m
First report: Nicotra 1896

Cynosurus effusus Link - T scap - Steno-Medit. - S. Woodlands, rocks, scarps. 200-1345 m
First report: Veri & Bruno 1974, sub *C. elegans* Desf.

Cynosurus polybracteatus Poir. - T scap - W-Medit. - S. Wet meadows, clearings. 165-1060 m

Dactylis glomerata L. subsp. *glomerata* - H caesp - Paleotemp. - C. Grasslands, roadsides, scrublands. 164-1320 m
First report: Veri & Bruno 1974

Dactylis glomerata L. subsp. *hispanica* (Roth) Nyman - H caesp - Steno-Medit. - R. Garrigues, rocks, woodlands, scarps. 300-1300 m

Danthonia decumbens (L.) DC. - H caesp - Europ. - C. Garrigues, wet meadows, rocks, woodlands. 250-1340 m
First report: Veri & Bruno 1974

Dasypyrum villosum (L.) P. Candargy, non Borbàs - T scap - Medit-Turan. - C. Grasslands, scrublands, woodlands, roadsides, fallow land. 165-1250 m

Digitaria sanguinalis (L.) Scop. - T scap - Cosmop. - C. Grasslands, scrublands, roadsides, fallow land, wet places, sandy soils. 164-750 m

Echinochloa crus-galli (L.) P. Beauv. - T scap - Subcosmop. - S. Wet grasslands, roadsides, fallow land. 164-1060 m

Elymus repens (L.) Gould - G rhiz - Circumbor. - R. Wet meadows, clearings. 164-1060 m
First report: Veri & Bruno 1974

Eragrostis cilianensis (All.) Vignolo ex Janch. - T scap - Cosmop. - R. Roadsides. 165-400 m

Eragrostis pilosa (L.) Beauv. - T scap - Cosmop. - R. Grasslands, fallow land, roadsides. 160-400 m

Festuca bromoides L. - T caesp - Paleotemp. - RR. Grasslands, roadsides, scrublands. 1280-1300 m

Festuca danthonii Asch. & Graebn. - T caesp - Euri-Medit. - S. Grasslands, garrigues, scrublands, roadsides, fallow land. 164-1340 m
First report: Nicotra 1896

Festuca geniculata (L.) Lag. & Rodr. - T caesp - W-Medit. - C. Grasslands, fallow land, roadsides, scrublands. 165-1200 m
First report: Veri & Bruno 1974

Festuca lachenalii (C. C. Gmel.) Spenn. - T scap - W-Medit. - S. Grasslands, garrigues, rocks. 164-1350 m
First report: Barbey 1884

Festuca ligustica (All.) Bertol. - T caesp - Steno-Medit. - C. Grasslands, garrigues, roadsides. 164-1330 m
First report: Veri & Bruno 1974

Festuca muralis Kunth - T caesp - W-Medit. - R. Grasslands, garrigues, roadsides, scrublands. 164-1100 m
First report: Arrigoni 2015b

Festuca myuros L. - T caesp - Subcosmop. - C. Grasslands, scrublands, roadsides. 164-1300 m
First report: Nicotra 1896

Festuca rubra L. subsp. *juncea* (Hack.) K. Richt. - H caesp - Europ. Mont - A/NAT - S. Roadsides, scarps, garrigues, grasslands. 1040-1320 m
First report: Bartolucci & al. 2019

Festuca sardoa (Hack.) K. Richt. - H caesp - Endem. Sa Co - S. Rocks, garrigues. 1100-1355 m
First report: Barbey 1884

Festuca sicula C. Presl. - H caesp - W-Medit. - R. Grasslands, garrigues, clearings. 600-1320 m
First report: Schmid 1933

Gastridium ventricosum (Gouan) Schinz & Thell. - T scap - Medit-Atl. - S. Grasslands, scrublands, clearings. 164-950 m
First report: Cavara 1908

Gaudina fragilis (L.) P. Beauv. - T scap - Medit.-Atl. - R. Grasslands, clearings, wet meadows. 164-850 m

Glyceria fluitans (L.) R. Br. - G rhiz - Subcosmop. - R. Springs, ponds, streams. 164-200 m

Glyceria notata Chevall. - G rhiz - Subcosmop. - S. Springs, streams, ponds. 164-1060 m

Glyceria spicata Guss. - G rhiz - SW-Medit. - R. Streams, ponds. 450-980 m

Hainardia cylindrica (Willd.) Greuter - T scap - Euri-Medit. - R. Roadsides, grasslands. 300-1050 m

Holcus lanatus L. - H caesp - Circumbor. - C. Grasslands, scrublands, woodlands, wet places. 164-1300 m
First report: Veri & Bruno 1974

- Holcus mollis*** L. - H caesp - Circumbor. - R. Grasslands. 400-500 m
First report: Calvia & Urbani 2012a
- Hordeum bulbosum*** L. - H caesp - Paleosubtrop. - R. Grasslands, woodlands, wet places. 250-800 m
- Hordeum geniculatum*** All. - T scap - Steno-Medit. - S. Wet meadows. 164-1060 m
First report: Cavara 1908
- Hordeum murinum*** L. subsp. ***leporinum*** (Link) Arcang. - T scap - Medit-Pont. - C. Grasslands, scrublands, roadsides, fallow land. 164-1340 m
First report: Veri & Bruno 1974
- Lagurus ovatus*** L. - T scap - Steno-Medit. - C. Grasslands, garrigues, scrublands, woodlands. 164-1330 m
First report: Veri & Bruno 1974
- Lamarckia aurea*** (L.) Moench - T scap - Medit-Turan. - C. Scrublands, woodlands, grasslands, rocks, fallow land, ruderal. 164-890 m
- Leersia oryzoides*** (L.) Sw. - G rhiz - Subcosmop. - RR. Along a stream. 250-300 m
First report: Calvia & Urbani 2007
- Lolium arundinaceum*** (Schreb.) Darbysh. subsp. ***arundinaceum*** - H caesp - Europ. - C. Wet grasslands, ponds, scrublands. 300-1250 m
First report: Cavara 1908
Notes: the report of the taxon as absent in Sardinia (Bartolucci & al. 2018a) should be related to a mistake, since its presence in the island is well documented by Arrigoni (2006).
- Lolium interruptum*** (Desf.) Banfi, Galasso, Kopecký & Ardenghi subsp. ***interruptum*** - H caesp - Steno-Medit. - R. Grasslands, springs, ponds, clearings. 165-1215 m
First report: Arrigoni 2015b
- Lolium multiflorum*** L. - H scap - Euri-Medit. - S. Grasslands, pastures, roadsides. 164-650 m
- Lolium perenne*** L. - H caesp - Circumbor. - C. Grasslands, scrublands, rocks, wet meadows. 164-1320 m
First report: Veri & Bruno 1974
- Lolium rigidum*** L. - T scap - Paleosubtrop. - S. Grasslands, pastures, roadsides. 164-1100 m
- Melica ciliata*** L. subsp. ***ciliata*** - H caesp - Euri-Medit. - R. Grasslands, scrublands, woodlands. 170-870 m
- Melica ciliata*** L. subsp. ***magnolii*** (Godr. & Gren.) K. Richt. - H caesp - Medit-Turan. - C. Grasslands, scrublands, fallow land, roadsides. 164-750 m
First report: Veri & Bruno 1974
- Melica minuta*** L. subsp. ***latifolia*** (Coss.) W. Hempel - H caesp - Steno-Medit. - S. Grasslands, woodlands, scarps. 164-1300 m
First report: Veri & Bruno 1974
- Melica minuta*** L. subsp. ***minuta*** - H caesp - Steno-Medit. - S. Rocks, scrublands, grasslands. 164-1330 m
First report: Barbey 1884
- Melica uniflora*** Retz. - H caesp - Paleotemp. - S. Scrublands, woodlands. 165-1100 m
First report: Veri & Bruno 1974
Specimen seen: Tempio, andando ai Molini. 24-VI-1907. *Sine coll.* (SASSA)
- Milium vernale*** M. Bieb. subsp. ***scabrum*** (Rich.) K. Richt. - T scap - Steno-Medit. - R. Grasslands, clearings. 970-1060 m
- Molineriella minuta*** (L.) Rouy - T scap - Steno-Medit. - S. Grasslands, clearings, sandy soils. 164-780 m

Oloptum thomasii (Duby) Banfi & Galasso - H caesp - Medit.Turan. - C. Woodlands, scrublands, scarps, roadsides, ruderal. 165-1250 m

Panicum dichotomiflorum Michx. - T scap - Amer. - A/NAT - R. Wet meadows. 300-350 m
First report: Calvia & Urbani 2012b

Paspalum dilatatum Poir. - H caesp - S-Amer. - A/CAS - RR. Roadsides, railways. 450-500 m

Paspalum distichum L. - G rhiz - Subcosmop. - A/NAT -S. Wet places, grasslands, roadsides. 160-850 m

Phalaris aquatica L. - H caesp - Medit-Macaron. - R. Wet meadows, ponds. 450-1250 m

Phalaris coerulescens Desf. - H caesp - Medit-Macaron. - R. Wet meadows, ponds. 164-600 m

Phalaris minor Retz. - T caesp - Paleosubtrop. - S. Grasslands, scrublands. 164-600 m

Phalaris paradoxa L. - T scap - Steno-Medit - RR. Grasslands, roadsides. 200-250 m

Phragmites australis (Cav.) Trin. ex Steud. - He - Subcosmop. - S. Wet places. 200-1210 m

Poa angustifolia L. - H caesp - Euro-Cauc. - R. Clearings, garrigues, rocks. 1000-1350 m

Poa annua L. - T caesp - Cosmop. - S. Grasslands, fallow land, clearings, wet places. 164-1250 m
First report: Veri & Bruno 1974

Poa balbisi Parl. - H caesp - Endem. Sa Co - C. Rocks, garrigues. 1050-1340 m
First report: Barbey 1884

Poa bulbosa L. - H caesp - Paleotemp. - C. Rocks, sandy soils, garrigues, scrublands. 165-1340 m
First report: Negodi 1931

Poa compressa L. - H caesp - Circumbor. - R. Grasslands, roadsides. 1200-1340 m

Poa infirma Kunth. - T caesp - Euri-Medit. - S. Ruderal, roadsides, fallow land. 200-870 m

Poa nemoralis L. - H caesp - Circumbor. - R. Woodlands. 950-1270 m

Poa pratensis L. - H caesp - Circumbor. - S. Scrublands, clearings, grasslands. 165-1335 m
First report: Barbey 1884
Specimen seen: Monte Limbara, Abbafritta. 24-VI-1907. *Sine coll.* (SASSA)

Poa sylvicola Guss. - H caesp - Euri-Medit. - R. Woodlands. 500-1050 m

Poa trivialis L. - H caesp - Euras. - C. Grasslands, scrublands, clearings, roadsides. 165-1300 m
First report: Veri & Bruno 1974

Polypogon monspeliensis (L.) Desf. - T scap - Paleosubtrop. - S. Wet places. 164-1030 m

Polypogon viridis (Gouan) Breistr. - H caesp - Paleosubtrop. - S. Wet places. 200-1210 m

Rostraria cristata (L.) Tzvelev - T scap - Paleotemp. - S. Grasslands, scrublands, clearings, roadsides. 164-900 m

Setaria italica (L.) P. Beauv. subsp. *italica* - T scap - As. - A/NAT - R. Roadsides, fallow land, grasslands, scarps. 164-650 m

Setaria italica (L.) P. Beauv. subsp. ***viridis*** (L.) Beauv. - T scap - Paleotemp. - R. Fallow land, roadsides, grasslands. 200-550 m

Setaria pumila (Poir.) Roem. & Schult. - T scap - Paleotemp. - A/NAT - RR. Wet places. 164-200 m

Setaria verticillata (L.) P. Beauv. - T scap - Euri-Medit. - R. Fallow land, roadsides. 200-550 m

Sorghum halepense (L.) Pers. - G rhiz - Cosmop. - A/NAT - S. Wet grasslands, roadsides, fallow land. 164-550 m
First report: Arrigoni 2015b

Sporobolus alopecuroides (Piller & Mitterp.) P. M. Peterson - T scap - Medit-Turan. - R. Shores of Lake Coghinas. 160-165 m

Sporobolus schenoides (L.) P. M. Peterson - T scap - Paleosubtrop. - R. Muds, sandy soils along the shores of Lake Coghinas. 160-165 m

Stipellula capensis (Thunb.) Röser & H. R. Hamasha - T scap - Steno-Medit. - C. Grasslands, scrublands, roadsides, scarps. 165-800 m

Trisetaria burnoufii (Req. ex Parl.) Banfi & Soldano - H scap - Endem. Sa Co AT - R. Clearings, scrublands. 500-1060 m

Trisetaria gracilis (Moris) Banfi & Arrigoni - H caesp - Endem. Sa Co - C. Garrigues, sandy soils, rocks. 950-1355 m
First report: Barbey 1884

Triticum neglectum (Req. ex Bertol.) Greuter - T scap - Medit-Turan. - S. Grasslands, roadsides, scrublands, woodlands. 165-1030 m

Triticum triunciale (L.) Raspail - T scap - Euri-Medit. - R. Grasslands, roadsides. 700-800 m

Triticum turgidum L. subsp. *durum* (Desf.) Husn. - T scap - ? - P/CAS - R. Meadows, fields, scarps, roadsides, scrublands, fallow land. 170-550 m

Triticum vagans (Jord. & Fourr.) Greuter - T scap - Medit-Turan. - S. Grasslands, garrigues, scrublands, roadsides. 165-1080 m

Ranunculales

Ranunculaceae

Anemone hortensis L. - G bulb - N-Medit. - S. Scrublands, grasslands, rocks, woodlands. 165-950 m

Aquilegia sp. (hybrid cultivar) - H scap - ? - A/NAT - RR. Roadsides, scrublands, wet places. 650-1340 m
Notes: we found this taxon in three localities. From the area of Vallicciola (1050 m) it is now extirpated after the continuous harvest by people, while in the other two places some plants still grow.

Clematis cirrhosa L. - P lian - Medit-Turan. - S. Woodlands, scrublands, hedges, rocks, walls. 165-700 m

Clematis flammula L. - P lian - Euri-Medit. - R. Scrublands, streams, rocks, woodlands. 165-950 m
First report: Veri & Bruno 1974

Clematis vitalba L. - P lian - Euro-Cauc. - C. Woodlands, streams, scrublands, walls. 165-1335 m
First report: Veri & Bruno 1974

Ficaria verna Huds. subsp. *verna* - G bulb - Euras. - C. Wet places, scrublands, clearings. 164-1300 m
First report: Nicotra 1896

Nigella damascena L. - T scap - Euri-Medit. - RR. Roadsides, grasslands, fallow land. 200-300 m

Ranunculus arvensis L. - T scap - Paleotemp. - RR. Fallow land, grasslands, roadsides. 200-250 m

Ranunculus bulbosus L. - H scap - Euras. - R. Wet places, grasslands, woodlands. 450-1300 m
First report: Nicotra 1896

Ranunculus bullatus L. - H ros - Steno-Medit. - S. Sandy soils, scrublands, rocks, woodlands. 164-700 m

Ranunculus chius DC. - T scap - E-Medit. - RR. Wet meadows, woodlands. 500-1210 m

Ranunculus cordiger Viv. subsp. *diffusus* (Moris) Arrigoni - H scap - Endem. Sa - R. Wet meadows, ponds, springs. 164-1300 m

First report: Arrigoni 1983

Notes: according to Jeanmonod & Gamisans (2013) and Tison & de Foucault (2014), this taxon is absent in Corsica. For this reason, we consider it as an exclusive Sardinian endemic.

Ranunculus macrophyllus Desf. - H scap - SW-Medit. - S. Wet places, woodlands. 200-1100 m

First report: Arrigoni 2006

Ranunculus muricatus L. - T scap - Euri-Medit. - S. Grasslands, woodlands, fallow land, roadsides. 165-1250 m

Ranunculus ophyoglossifolius Vill. - T scap - Euri-Medit. - S. Streams, ponds. 164-1100 m

First report: Veri & Bruno 1974

Ranunculus paludosus Poir. - H scap - Medit-Turan. - C. Grasslands, garrigues, sandy soils, wet places, scrublands, woodlands. 165-1340 m

First report: Cavara 1908

Ranunculus parviflorus L. - T scap - Medit-Atl. - S. Woodlands, scrublands. 250-1060 m

Ranunculus peltatus Schrank - I rad - Europ. - S. Standing water, streams, ponds. 200-780 m

Ranunculus pratensis C. Presl. - H scap - Endem. Sa Si - S. Woodlands, wet places. 200-1050 m

First report: Marchi 1971

Notes: the features of the collected specimens are also similar to those of *R. procerus* Moris (see Arrigoni 2006). Waiting for further investigation on this complex, we chose to report the taxon under the binomial code above, which is accepted both by Pignatti (2017-2019) and Bartolucci & al. (2018a).

Ranunculus revelieri Boreau - T scap - Subendem. Sa Co Ga - S. Wet places. 164-1300 m

First report: Arrigoni 1983

Ranunculus saniculifolius Viv. - I rad - Steno-Medit. - RR. Standing water, ponds. 180-200 m

Ranunculus sardous Crantz - T scap - Euri-Medit. - C. Wet places, grasslands. 164-1300 m

First report: Cavara 1908

Ranunculus trichophyllus Chaix - I rad - Europ. - R. Watercourses, ponds. 200-550 m

Ranunculus trilobus Desf. - T scap - W-Medit. Macaron. - S. Wet places, grasslands. 165-600 m

First report: Negodi 1931

Ranunculus velutinus Ten. - H scap - N-Medit. - R. Wet woodlands. 400-1060 m

Papaveraceae

Fumaria bicolor Nicotra - T scap - Steno-Medit. - RR. Grasslands, clearings. 450-500 m

Fumaria capreolata L. - T scap - Euri-Medit. - C. Grasslands, fallow land, rocks, ruderal, roadsides, scrublands, woodlands. 164-1350 m

First report: Veri & Bruno 1974

Fumaria densiflora DC. - T scap - Steno-Medit. - R. Roadsides, fallow land, scrublands. 550-600 m

Fumaria flabellata Gasp. - T scap - Steno-Medit. - R. Roadsides, scarps, fallow land, clearings. 180-250 m

Fumaria officinalis L. - T scap - Paleotemp. - S. Grasslands, fallow land, ruderal, rocks. 164-1050 m

Papaver dubium L. - T scap - Medit-Turan. - R. Grasslands, roadsides. 750-800 m

Papaver hybridum L. - T scap - Medit-Turan. - R. Grasslands, fallow land, roadsides. 165-1250 m

Papaver pinnatifidum Moris - T scap - Steno-Medit. - S. Grasslands, scrublands, sandy soils, scarps. 164-1300 m

Papaver rhoeas L. - T scap - E-Medit. - C. Grasslands, fields, fallow land, clearings, scrublands. 164-1300 m
First report: Veri & Bruno 1974

Papaver setigerum DC. - T scap - W-Medit. - S. Scarps, roadsides, fallow land, woodlands. 165-1250 m

Proteales

Platanaceae

* *Platanus orientalis* L. - P scap - SE-Europ. - OP

Notes: it has rarely been planted as an ornamental tree (200-500 m).

Saxifragales

Paeoniaceae

Paeonia corsica Sieber ex Tausch - G rhiz - Endem. Sa Co - R. Rocks, woodlands, scrublands, grasslands. 900-1300 m
First report: Barbey 1884

Crassulaceae

Buillardia vaillanti (Willd.) DC. - T scap - Subatl. - R. Ponds, wet rocks. 500-740 m

Crassula tillaea Lest.-Garl. - T scap - Subatl. - S. Wet meadows, sandy soils. 164-1030 m

Petrosedum rupestre (L.) P. V. Heath - Ch succ - Europ-Atl. - R. Rocks, scarps, walls. 300-530 m
First report: Arrigoni 2015b

Petrosedum sediforme (Jacq.) Grulich - Ch succ - Steno-Medit. - R. Rocks, walls. 200-670 m

Phedimus stellatus (L.) Raf. - T scap - Steno-Medit. - S. Rocks, sandy soils, scarps, walls. 165-1100 m
First report: Veri & Bruno 1974

Sedum acre L. - Ch succ - Euro-Cauc. - A/NAT - R. Roadsides, garrigues, rocks, scarps, walls. 500-1250 m
First report: Arrigoni 2015b

Sedum album L. - Ch succ - Euri-Medit. - S. Rocks, garrigues, clearings. 700-1350 m
First report: Nicotra 1896

Sedum andegavense (DC.) Desv. - T scap - W-Medit. - S. Rocks, sandy soils. 165-1330 m
First report: Terracciano 1914

Sedum caeruleum L. - T scap - SW-Medit. - CC. Rocks, sandy soils. 164-1350 m
First report: Cavara 1908

Sedum caespitosum (Cav.) DC. - T scap - Steno-Medit. - S. Sandy soils, grasslands, roadsides. 164-990 m

Sedum cepaea L. - H bienn - Subatl. - RR. Clearings, wet woodlands. 250-800 m

Sedum dasyphyllum L. subsp. *glanduliferum* (Guss.) Nyman - Ch succ - Euri-Medit. - C. Rocks, garrigues, scarps. 800-1355 m
First report: Nicotra 1896

Sedum glandulosum Moris - H scap - Subendem. Sa Ag - RR. Rocks. 1280-1350 m
First report: Arrigoni 2010a

Sedum rubens L. - T scap - Euri-Medit. - RR. Sandy soils, roadsides, rocks. 165-200 m

Sedum villosum L. - T scap - W-Europ. Mont. - S. Wet meadows, sandy soils, ponds, garrigues. 800-1335 m
First report: Nicotra 1896

Umbilicus horizontalis (Guss.) DC. - G bulb - Steno-Medit. - S. Rocks, woodlands, walls. 170-670 m

Umbilicus rupestris (Salisb.) Dandy - G bulb - Medit-Atl. - C. Rocks, woodlands, walls. 165-1350 m
First report: Veri & Bruno 1974

Haloragaceae

Myriophyllum spicatum L. - I rad - Subcosmop. - R. Streams, small lakes. 250-500 m

Grossulariaceae

Ribes multiflorum Kit ex Roem. & Schult. subsp. *sandalioticum* Arrigoni - NP - Endem. Sa - S. Rocks, scarps, woodlands. 1030-1350 m
First report: Nicotra 1896

Saxifragaceae

Saxifraga tridactylites L. - T scap - Euri-Medit. - RR. Sandy soils along a roadside. 200-250 m

Caryophyllales

Tamaricaceae

Tamarix africana Poir. - P scap - W-Medit. - S. Wet places, scarps, roadsides. 160-580 m

Plumbaginaceae

Armeria sardoa Spreng. - Ch suffr - Endem. Sa - C. Rocks, garrigues, sandy soils. 900-1355 m
First report: Nicotra 1895

Polygonaceae

Fallopia convolvulus (L.) Á. Löve - T lian - Euras. - RR. Sandy soils, wet woodlands. 500-1060 m

Persicaria hydropiper (L.) Delarbre - T scap - Euras. - R. Wet places. 164-560 m

Persicaria lapathifolia (L.) Delarbre - T scap - Paleotemp. - R. Wet places, fallow land. 400-500 m

Persicaria maculosa (L.) Gray - T scap - Paleotemp. - S. Wet places. 164-1100 m

Polygonum arenastrum Boreau - T rept - Euras. - S. Sandy soils, fallow land. 164-1200 m

Polygonum aviculare L. - T rept - Cosmop. - C. Sandy soils, roadsides, fallow land, grasslands. 160-1300 m
First report: Veri & Bruno 1974

Polygonum bellardii All. - T scap - Euri-Medit. - R. Sandy soils, fallow land, roadsides. 165-670 m

Polygonum scoparium Req. ex Loisel - NP - Endem. Sa Co - R. Grasslands, sandy soils, rocks close to the shores of Lake Coghinas. 164-170 m

Rumex acetosella L. subsp. *pyrenaicus* (Pourr. ex Lapeyr.) Akeroyd - H scap - Subcosmop. - C. Grasslands, sandy soils, rocks, woodlands, garrigues. 200-1340 m
First report: Nicotra 1896

Rumex bucephalophorus L. - T scap - Medit-Macaron. - C. Grasslands, sandy soils, garrigues, rocks. 164-1280 m
First report: Negodi 1931

Rumex conglomeratus Murray - H scap - Euras. - R. Wet places, woodlands. 165-1060 m

Rumex crispus L. - H scap - Euras. - S. Wet places, sandy soils, grasslands. 164-1250 m
First report: Veri & Bruno 1974

Rumex obtusifolius L. s.l. - H scap - Subcosmop. - R. Wet places, grasslands, clearings. 400-1050 m

Rumex pulcher L. subsp. *pulcher* - H scap - Euri-Medit. - C. Fallow land, grasslands, roadsides, ruderal. 164-1250 m
First report: Veri & Bruno 1974

Rumex pulcher L. subsp. *suffocatus* (Moris ex Bertol.) Nyman - H scap - Endem. Sa - RR. Wet meadows, ponds. 600-980 m

Rumex pulcher L. subsp. *woodsii* (De Not.) Arcang. - H scap - Euri-Medit. - R. Grasslands, clearings. 250-1050 m

Rumex sanguineus L. - H scap - Euro-Cauc. - R. Wet woodlands. 450-1060 m

Rumex scutatus L. subsp. *glaucescens* (Guss.) Brullo, Scelsi & Spamp. - H scap - Endem. Sa Si - S. Rocks, woodlands, scrublands, sandy soils. 200-1330 m
First report: Veri & Bruno 1974

Rumex thyrsoides Desf. - H scap - W-Medit. - C. Grasslands, fallow land, scrublands, rocks. 164-1300 m
First report: Veri & Bruno 1974

Caryophyllaceae

Arenaria balearica L. - Ch suffr - Subendem. Sa Co AT BI - C. Shady rocks. 585-1350 m
First report: Barbey 1884

Arenaria leptoclados (Rchb.) Guss. - T scap - Paleotemp. - R. Scarps, rocks, roadsides. 650-1355 m
First report: Nicotra 1896

Cerastium diffusum Pers. - T scap - Medit-Atl. - S. Grasslands, sandy soils, woodlands. 164-1330 m
First report: Nicotra 1896

Cerastium glomeratum Thuill. - T scap - Subcosmop. - C. Ruderal, grasslands, fallow land, woodlands, wet meadows, roadsides. 164-1330 m
First report: Negodi 1931

Cerastium ligusticum Viv. - T scap - W-Medit. - R. Wet meadows. 550-750 m

Cerastium semidecandrum L. - T scap - Cosmop. - RR. Fallow land, ruderal. 1000-1100 m

Cerastium tomentosum L. - Ch suffr - Endem. It - P/CAS - RR. Walls, roadsides. 600-660 m
Notes: it has been planted in two localities and is now spreading nearby.

Corrigiola litoralis L. - T scap - Euri-Medit. - R. Sandy soils, grasslands, roadsides. 160-1320 m
First report: Veri & Bruno 1974

Corrigiola telephūifolia Pourr. - H ros - W-Medit. - S. Sandy soils, grasslands, roadsides. 164-1100 m

Eudianthe laeta Rchb. ex Willk. - T scap - SW-Medit. - C. Wet places, woodlands, rocks. 164-1100 m
First report: Veri & Bruno 1974

Herniaria glabra L. - T scap - Paleotemp. - RR. Grasslands, roadsides. 450-500 m

Illecebrum verticillatum L. - T scap - Subatl. - S. Wet meadows, ponds, lakes. 164-1030 m
First report: Veri & Bruno 1974

Moenchia erecta (L.) G. Gaertn., B. Mey. & Scherb. subsp. *erecta* - T scap - Medit-Atl. - R. Wet meadows, sandy soils, scrublands. 200-1300 m
First report: Veri & Bruno 1974

Moenchia erecta (L.) G. Gaertn., B. Mey. & Scherb. subsp. *octandra* (Ziz. ex W. D. J. Koch) Gürke & Coutinho - T scap - Steno-Medit. - S. Grasslands, scrublands, clearings, wet places. 164-1340 m
First report: Nicotra 1896

Paronychia echinulata Chater - T scap - Steno-Medit. - C. Sandy soils, grasslands, rocks, garrigues. 164-1340 m
First report: Veri & Bruno 1974

Petrorhagia dubia (Raf.) G. López & Romo - T scap - Steno-Medit. - C. Grasslands, sandy soils, rocks, scrublands, clearings. 164-1340 m
First report: Negodi 1931

Petrorhagia nanteuillii (Burnat) P. W. Ball & Heywood - T scap - W-Medit. - R. Clearings, scrublands, roadsides. 700-800 m

- Petrorhagia prolifera* (L.) P. W. Ball & Heywood - T scap - Euri-Medit. - S. Grasslands, rocks, scrublands, woodlands. 164-1100 m
- Petrorhagia saxifraga* (L.) Link subsp. *gasparrinii* (Guss.) Greuter & Burdet - H caesp - Endem. Sa Co Si It - R. Sandy soils, rocks, open woodlands. 165-850 m
Specimen seen: Dintorni di Berchidda, 11-VI-1908, *Cavara & Cossu* (SASSA).
- Polycarpon tetraphyllum* (L.) L. subsp. *diphyllum* (Cav.) O. Bolòs & Font Quer - T scap - Steno-Medit. - R. Wet meadows, sandy soils, clearings. 200-800 m
- Polycarpon tetraphyllum* (L.) L. subsp. *tetraphyllum* - T scap - Euri-Medit. - S. Ruderal, fallow land, sandy soils, grasslands. 164-1060 m
- Sagina alexandrae* Iamónico - H rept - Subatl. - C. Wet meadows, sandy soils, garrigues, rocks. 500-1350 m
First report: Cavara 1908
- Sagina apetala* Ard. - T scap - Euri-Medit. - S. - Grasslands, sandy soils, fallow land, scrublands. 170-1150 m
- Sagina procumbens* L. - H rept - Subcosmop. - S. Streams, springs, wet rocks. 200-1050 m
First report: Veri & Bruno 1974
- Saponaria officinalis* L. - H scap - Eurosib. - R. Wet places, scrublands, garrigues, grasslands, roadsides. 200-1265 m
First report: Veri & Bruno 1974
- Scleranthus polycarpus* L. - T scap - Medit-Atl. - S. Sandy soils, rocks, clearings, garrigues. 900-1340 m
First report: Veri & Bruno 1974
- Silene bellidifolia* Jacq. - T scap - S-Medit. - RR. Woodlands, roadsides. 200-250 m
- Silene gallica* L. - T scap - Euri-Medit. - C. Scrublands, grasslands, garrigues, rocks, fallow land. 164-1340 m
First report: Barbey 1884
- Silene latifolia* Poir. - H bienn - Steno-Medit. - S. Scrublands, fallow land, grasslands, woodlands. 165-1330 m
- Silene nocturna* L. - T scap - Medit-Macaron. - R. Woodlands, roadsides, ruderal. 200-870 m
- Silene nodulosa* Viv. - Ch suffr- Endem. Sa Co - C. Rocks, garrigues, scarps. 700-1350 m
First report: Schmid 1933
- Silene vulgaris* (Moench) Garcke subsp. *vulgaris* - H scap - Subcosmop. - C. Ruderal, grasslands, roadsides, fallow land, scrublands, woodlands. 165-1300 m
First report: Veri & Bruno 1974
- Spergula arvensis* L. - T scap - Subcosmop. - C. Grasslands, pastures, rocks, garrigues, wet places. 160-1300 m
First report: Negodi 1931
- Spergula pentandra* L. - T scap - Medit-Atl. - R. Sandy soils, garrigues, scrublands. 600-800 m
First report: Nicotra 1896
- Spergularia rubra* (L.) J. Presl. & C. Presl. - Ch suffr - Subcosmop. - C. Grasslands, sandy soils, rocks, roadsides, fallow land, garrigues. 164-1350 m
First report: Nicotra 1896
- Stellaria media* (L.) Vill. subsp. *media* - T rept - Cosmop. - C. Grasslands, fallow land, woodlands, wet meadows, roadsides, ruderal. 164-1300 m
First report: Veri & Bruno 1974
- Stellaria neglecta* Weihe - T scap - Paleotemp. - R. Fallow land, roadsides, woodlands. 165-1350 m
- Stellaria pallida* (Dumort.) Crép. - T scap - Paleotemp. - S. Woodlands, scrublands, rocks. 200-1200 m
First report: Schmid 1933

Amaranthaceae

Amaranthus albus L. - T scap - N-Amer. - A/NAT - R. Fallow land, ruderal, roadsides, debris, industrial areas, sandy soils, streams. 160-500 m

Amaranthus blitoides S. Watson - T scap - N-Amer. - A/NAT - RR. Scarps, sandy soils, stony places. 190-220 m

Amaranthus cruentus L. - T scap - N-Amer. - A/NAT - R. Fallow land, roadsides. 165-500 m

Amaranthus deflexus L. - H scap - S-Amer. - A/NAT - S. Fallow land, roadsides, ruderal, sandy soils, walls, industrial areas. 164-1050 m

Amaranthus emarginatus Salzm. ex Uline & W. L. Bray - T scap - Trop. - A/NAT - R. Shores of Lake Coghinas. 160-165 m

First report: Iamónico & Calvia 2011

Amaranthus retroflexus L. - T scap - N-Amer. - A/NAT - S. Fallow land, roadsides. 160-1080 m

Chenopodiaceae

Atriplex patula L. - T scap - Subcosmop. - S. Grasslands, sandy soils, ruderal, roadsides, wet meadows. 160-1300 m

Beta vulgaris L. subsp. *vulgaris* - H scap - Euri-Medit. - A/NAT - S. Fallow land, roadsides, disturbed places, ruderal. 164-1250 m

Chenopodium murale (L.) S. Fuentes, Outila & Borsch - T scap - Subcosmop. - S. Grasslands, fallow land, roadsides, ruderal, scrublands. 164-650 m

Chenopodium album L. - T scap - Subcosmop. - S. Ruderal, roadsides, fallow land, vineyards, pastures. 164-1320 m

First report: Veri & Bruno 1974

Chenopodium vulvaria L. - T scap - Europ. - R. Pastures, vineyards, sandy soils, roadsides, fallow land, ruderal. 165-670 m

Dysphania ambrosioides (L.) Masyakin & Clemants - T scap - Cosmop. - A/NAT - R. Sandy soils, roadsides, wet places, fallow land, ruderal. 160-1060 m

Oxybasis chenopodioides (L.) S. Fuentes, Outila & Borsch - T scap - Subcosmop. - R. Shores of Lake Coghinas. 160-165 m

First report: Iamónico & Calvia 2009

Aizoaceae

Carpobrotus acinaciformis (L.) L. Bolus - Ch suffr - S-Afr. - P/CAS - RR. Scarps, drystone walls, roadsides. 200-500 m

Phytolaccaceae

Phytolacca americana L. - G rhiz - N-Amer. - A/CAS - R. Roadsides, fallow land, clearings, streams. 180-600 m

Nyctaginaceae

Mirabilis jalapa L. - G bulb - S-Amer. - A/NAT - R. Roadsides, fallow land, urban settlements. 200-710 m

Molluginaceae

Glinus lotoides L. - T scap - Paleosubtrop. - A/NAT - R. Shores of Lake Coghinas, ponds. 160-175 m

Cactaceae

Opuntia ficus-indica (L.) Mill. - P succ - N-Amer. - A/NAT - S. Rocks, scarps, walls, ruderal, fallow land. 165-500 m

Opuntia monacantha Haw. - P succ - Neotrop. - P/CAS - RR. Scarps, roadsides, ruderal. 250-300 m

Portulacaceae

Montia arvensis Wallr. - T scap - Subatl. - S. Wet places, rocks. 164-1300 m

First report: Cavara 1908

Montia hallii (A. Gray) Green - T scap - Subatl. - R. Wet meadows, ponds, springs. 1100-1340 m
First report: Arrigoni 2006

Portulaca oleracea L. - T scap - Subcosmop. - S. Fallow land, roadsides, sandy soils, grasslands. 164-850 m

Vitales

Vitaceae

Vitis vinifera L. subsp. *sylvestris* (Gmelin) Hegi - P lian - Steno-Medit. - S. Watercourses. 165-600 m

Notes: in addition to natural plants, many cultivars of the genus *Vitis* L. are being cultivated in the area. Now they are locally sub-spontaneous in abandoned vineyards, hedges, old human settlements, scarps, and roadsides, up to 1200 m.

Buxaceae

* *Buxus sempervirens* L. - NP - Subatl. - OP

First report: Terracciano 1909

Malpighiales

Hypericaceae

Hypericum androsaemum L. - NP - Subatl. - RR. Wet woodlands, springs. 650-950 m

First report: Calvia & Urbani 2007

Hypericum australe Ten. - H scap - W-Medit. - C. Scrublands, garrigues, wet meadows, rocks. 165-1330 m

First report: Nicotra 1896

Hypericum hircinum L. ssp. *hircinum* - NP - Endem. Sa Co AT - C. Wet places, rocks. 170-1300 m

First report: Barbey 1884

Hypericum perforatum L. subsp. *veronense* (Schrank) Ces. - H scap - Paleotemp. - C. Grasslands, garrigues, clearings, scrublands, rocks, roadsides. 165-1330 m

First report: Veri & Bruno 1974

Hypericum tetrapterum Fries. - H scap - Paleotemp. - S. Wet places. 350-1300 m

First report: Veri & Bruno 1974

Euphorbiaceae

Euphorbia chamaesyce L. - T rept - Euri-Medit. - R. Grasslands, sandy soils, fallow land, scarps. 164-500 m

Euphorbia characias L. - NP - Steno-Medit. - C. Rocks, scrublands, ruderal, open woodlands. 164-1150 m

First report: Veri & Bruno 1974

Euphorbia cuneifolia Guss. - T scap - W-Medit. - R. Grasslands, woodlands. 250-750 m

Euphorbia dendroides L. - NP - Medit-Macaron. - S. Rocks, scrublands. 250-490(650) m

First report: Veri & Bruno 1974

Notes: the authors above recorded this taxon at Passo Limbara (650 m), where it is no longer present.

Euphorbia exigua L. subsp. *exigua* - T scap - Euri-Medit. - C. Grasslands, sandy soils, garrigues, rocks, scrublands. 164-980 m

Euphorbia helioscopia L. - T scap - Cosmop. - C. Grasslands, fallow land, scrublands, roadsides, ruderal. 164-1250 m

Euphorbia gayi Salis - G rhiz - W-Medit. - RR. Wet meadows. 990-1000 m

Notes: the taxon has been found in the summer 2020 close to a water basin. This is the second area where the species is presently known in Sardinia, after that reported by Arrigoni (2010b) to Ogliastra.

Euphorbia lathyris L. - H bienn - Medit-Turan. - RR. Clearings, grasslands. 450-500 m

Euphorbia maculata L. - T rept - N-Amer. - A/INV - C. Sandy soils, grasslands, roadsides, fallow land, ruderal, wet meadows. 160-1060 m

Euphorbia peplus L. - T scap - Eurosib. - C. Grasslands, fallow land, scrublands, woodlands, scarps. 164-750 m

Euphorbia pithyusa L. subsp. *cupanii* (Guss. & Bertol.) Radcl.-Sm. - NP - Endem. Sa Co Si - R. Wet meadows, scrublands, roadsides. 164-1050 m

Euphorbia prostrata Aiton - T rept - N-Amer. - A/NAT - R. Roadsides, ruderal, gardens, fallow land. 200-1060 m

Euphorbia pterococca Brot. - T scap - W-Medit. Macaron. - S. Woodlands, scrublands. 165-600 m

Euphorbia segetalis L. - H scap - W-Medit - RR(EX?). Roadsides. 600-610 m

Notes: some plants were found in 2012 along a road, in the locality Fundu di Monti (north-western side), lasting for 4 years, and then disappeared after weeding work.

Euphorbia semiperfoliata Viv. - H bienn - Endem. Sa Co - R. Rocks, wet woodlands. 450-1230 m

First report: Veri & Bruno 1974

Mercurialis annua L. - T scap - Paleotemp. - S. Scrublands, scarps, rocks, fallow land, ruderal, roadsides, wet meadows. 170-900 m

Violaceae

Viola alba Besser subsp. *dehnhardtii* (Ten.) W. Becker - H ros - Euri-Medit. - C. Woodlands, scrublands. 165-1320 m

First report: Fiori 1913

Viola arvensis Murray - T scap - Euras. - RR. Clearings, scrublands. 165-370 m

Viola canina L. - H scap - Euras. - S. Woodlands, scrublands, garrigues, rocks. 500-1330 m

First report: Veri & Bruno 1974

Viola corsica Nyman subsp. *limbarae* Merxm. & Lippert - H scap - Endem. Sa - C. Garrigues, rocks, scrublands, scarps, clearings. 950-1350 m

First report: Barbey 1884

Notes: the authors disagree with Arrigoni (2005), who advanced the taxon to species rank, sub *V. limbarae* (Merxm. & W. Lippert) Arrigoni, on the basis of geographic isolation only.

Viola odorata L. - H ros - Euri-Medit. - P/NAT - R. Woodlands, roadsides. 200-750 m

First report: Veri & Bruno 1974

Notes: this taxon does not normally grow far from human settlements, from where it spread (Ruggero & Calvia 2014).

Viola riviniana Rchb. - H scap - Europ. - C. Woodlands, scrublands, reforestations, garrigues. 300-1320 m

First report: Cavara 1908

Salicaceae

Populus alba L. - P scap - Paleotemp. - R. Wet woodlands, springs, streams. 200-600 m

Notes: sometimes it has been also cultivated and is going locally wild.

Populus nigra L. - P scap - Paleotemp. - P/CAS - R. Wet places. 200-820 m

Notes: it has been cultivated and is locally spreading nearby through vegetative reproduction.

Populus tremula L. - P scap - Eurosib. - R. Woodlands, rocks, streams. 800-1080 m

First report: Veri & Bruno 1974

Notes: we found this taxon in nine sites, above all in the northern side of the mountain.

* *Populus ×canescens* (Aiton) Sm. - P scap - CS-Europ. - P/CAS - RR. Reforestations. 500-900 m

Salix atrocinerea Brot. - P caesp - W-Medit. Atl. - C. Wet places, woodlands, scrublands, rocks. 164-1300 m

First report: Fiori 1913

Notes: the report of *S. cinerea* L. from Veri & Bruno (1974) is the result of confusion with this taxon.

* *Salix babylonica* L. - P scap - As. - OP

Notes: it was rarely planted as an ornamental tree (200-450 m).

Salix fragilis L. - P scap - Euras. - A/NAT(?) - R. Watercourses, springs. 164-850(950) m

First report: Veri & Bruno 1974

Notes: the taxon was previously reported as present also along Riu Contra Manna (950 m), but it is now absent there. We considered it as a good species, as in Arrigoni (2006); Jeanmonod & Gamisans (2013), Tison & De Faucault (2014), Pignatti (2017-2019).

Salix purpurea L. subsp. *purpurea* - P caesp - Euras. - S. Wet places. 163-1060 m
First report: Arrigoni 2010a

Linaceae

Linum radiola L. - T scap - Paleotemp. - S. Wet places. 290-1330 m
First report: Veri & Bruno 1974

Linum strictum L. - T scap - Steno-Medit. - R. Grasslands, scrublands, roadsides. 300-781 m

Linum trigynum L. - T scap - Euri-Medit. - C. Grasslands, scrublands, garrigues, woodlands, rocks. 164-1300 m
First report: Veri & Bruno 1974

Linum usitatissimum L. subsp. *angustifolium* (Huds.) Thell. - H bienn - Euri-Medit. - C. Grasslands, scrublands, garrigues, woodlands. 164-1220 m
First report: Negodi 1931

Oxalidales

Oxalidaceae

Oxalis articulata Savigny - G rhiz - S-Amer. - P/NAT - S. Fallow land, roadsides, grasslands. 165-1060 m

Oxalis corniculata L. - H rept - Euri-Medit. - S. Fallow land, ruderal, roadsides. 164-850 m

Oxalis dillenii Jacq. - H scap - N-Amer. - A/NAT - R. Drystone walls, rocks, ruderal. 200-550 m

Oxalis pes-caprae L. - G bulb - S-Afr. - A/NAT - S. Fallow land, roadsides, grasslands, woodlands. 165-600 m

Zygophyllales

Zygophyllaceae

Tribulus terrestris L. - T rept - Cosmop. - R. Sandy soils, roadsides, railroads, fallow land. 164-500 m

Celastrales

Celastraceae

Euonymus europaeus L. - P caesp - Euras. - RR. Hedges, scrublands. 450-500 m

Euonymus japonicus Thunb. - P caesp - As. - P/CAS - RR. In an alder woodland. 430-450 m

Fabales

Fabaceae

Acacia dealbata Link - P scap - Austral. - P/NAT - S. Fallow land, roadsides, ruderal, wet places. 200-770 m

Acacia saligna (Labill.) H. L. Wendl. - P scap - Austral. - P/NAT - R. Roadsides, scrublands, scarps. 350-600 m

Anagyris foetida L. - P caesp - Steno-Medit. - RR. Scrublands. 170-180 m
First report: Negodi 1931

Anthyllis vulneraria L. subsp. *rubriflora* (DC.) Arcang. - H scap - Euri-Medit. - S. Scarps, scrublands, clearings, roadsides. 250-700 m

Astragalus hamosus L. - T scap - Medit-Turan. - R. Grasslands, scrublands, roadsides. 200-300 m

Astragalus pelecinus (L.) Barneby - T scap - Steno-Medit. - R. Grasslands, sandy soils. 164-500 m

Cercis siliquastrum L. - P scap - W-As. - P/CAS - RR. Roadsides, fallow land. 250-990 m

Cytisus laniger DC. - P caesp - Steno-Medit. - C. Scrublands, clearings, woodlands. 164-950 m
First report: Cavara 1908

Cytisus scoparius (L.) Link - P caesp - Europ. - P/INV - C. Scrublands, clearings, reforestations, garrigues, rocks, roadsides. 600-1330 m

First report: Veri & Bruno 1974

Notes: the authors above reported the taxon as only planted. Unfortunately, since then it is invading many places (Bartolucci & al. 2018b).

Cytisus villosus Pourr. - P caesp - C-W Medit. - C. Scrublands, woodlands, garrigues. 165-1200 m

First report: Veri & Bruno 1974

Dorycnopsis gerardi (L.) Boiss. - H scap - W-Medit. - S. Scrublands, woodlands, scarps, roadsides. 250-750 m

Specimen seen: Monte Limbara al Prado de rio di Baldu, di là di Tanca Manna dopo il 27° km. 24-VI-1908. *Sine coll.* (SASSA).

Ervilia hirsuta (L.) Opiz - T scap - Eurosib. - S. Scrublands, grasslands, fallow land. 170-700 m

First report: Veri & Bruno 1974

Ervum gracile DC. - T scap - Euri-Medit. - RR. Scarps, scrublands. 250-300 m

Genista corsica (Loisel.) DC. - NP - Endem. Sa Co - C. Garrigues, scrublands, rocks, clearings. 300-1350 m

First report: Moris 1837-1859

Genista etnensis (Raf.) DC. - P scap - Endem. Sa Co Si - RR. Scrublands, streams, roadsides. 200-1000 m

First report: (*) Veri & Bruno 1974

Notes: the taxon has been cultivated along roadsides in the Tempio side (*).

Genista monspessulana (L.) K. L. A. Johnson - P caesp - Medit-Macaron. - S. Scrublands, woodlands. 200-950 m

First report: Veri & Bruno 1974

Genista salzmannii DC. - NP - Endem. Sa Co - C. Garrigues, rocks, scrublands, scarps. 750-1350 m

First report: Moris 1837-1859

Lathyrus angulatus L. - T scap - W-Medit. - S. Grasslands, sandy soils. 165-1000 m

Lathyrus aphaca L. - T scap - Euri-Medit. - S. Woodlands, scrublands, scarps, wet meadows. 165-900 m

Lathyrus cicera L. - T scap - Euri-Medit. - C. Grasslands, roadsides, scrublands. 164-1280 m

Lathyrus clymenum L. - T scap - Steno-Medit. - C. Scrublands, grasslands, clearings, roadsides. 164-950 m

Lathyrus hirsutus L. - T scap - Euri-Medit. - R. Wet meadows, fallow land, scrublands. 450-500 m

Lathyrus latifolius L. - H scand - S-Europ. - S. Scrublands, clearings, hedges, garrigues, roadsides. 250-1300 m

First report: Veri & Bruno 1974

Lathyrus ochrus L. - T scap - Steno-Medit. - S. Fallow land, grasslands, scrublands, roadsides. 164-870 m

Lathyrus oleraceus Lam. subsp. *biflorus* (Raf.) H. Schaeff., Coulot & Rabaute - T scap - Medit-Turan. - S. Scrublands, woodlands, fallow land, roadsides, scarps. 165-780 m

Lathyrus sphaericus Retz. - T scap - Euri-Medit. - R. Grasslands, roadsides, scarps, clearings. 400-1330 m

First report: Veri & Bruno 1974

Lathyrus sylvestris L. - H scand - Euro-Cauc. - R. Roadsides, hedges, scrublands. 400-500(900) m

First report: Veri & Bruno 1974

Notes: the population reported by the authors above has not been confirmed by us.

Lotus angustissimus L. - T scap - Euri-Medit. - C. Grasslands, ponds, wet meadows. 164-1330 m

First report: Nicotra 1896

Lotus conimbricensis Brot. - T scap - W-Medit. - S. Sandy soils, wet places. 164-1050 m

Lotus cytisoides L. - H scap - Steno-Medit. - R. Sandy soils, grasslands, roadsides, fallow land. 200-1060 m

Lotus edulis L. - T scap - Steno-Medit. - C. Grasslands, scarps, scrublands, woodlands, rocks, wet places. 164-900 m
First report: Nicotra 1896

Lotus hispidus DC. - T scap - W-Medit. - R. Scrublands, grasslands, garrigues. 250-900 m

Lotus ornithopodioides L. - T scap - Steno-Medit. - R. Woodlands, scrublands, rocks, scarps. 165-600 m

Lotus parviflorus Desf. - T scap - Steno-Medit. - R. Sandy soils, garrigues, grasslands, rocks, wet woodlands, ponds. 250-1300 m

Lotus pedunculatus Cav. - H scap - Paleotemp. - R. Wet meadows, grasslands, garrigues. 800-1100 m
First report: Veri & Bruno 1974

Lotus rectus L. - H scap - Steno-Medit. - C. Streams, springs. 165-990 m
First report: Veri & Bruno 1974

Lotus tenuis Waldst. & Kit ex Willd. - H caesp - Paleotemp. - RR. Sandy soils, wet meadows. 1000-1050 m

Lotus tetragonolobus L. - T scap - Steno-Medit. - A/CAS - RRR. Roadsides. 200-250
Notes: a few plants appeared along a roadside, in 2006. Not established.

Lupinus angustifolius L. - T scap - Steno-Medit. - S. Grasslands, scrublands, roadsides. 165-885 m

Lupinus gussoneanus Agardh - T scap - Steno-Medit. - C. Grasslands, scrublands, woodlands. 164-1250 m
First report: Veri & Bruno 1974

Lupinus luteus L. - T scap - W-Medit. - R. Roadsides, grasslands, scarps, sandy soils. 480-620 m

Medicago arabica (L.) Huds. - T scap - Euri-Medit. - S. Grasslands, fallow land, scrublands. 164-1060 m

Medicago ciliaris (L.) All. - T scap - Medit-Macaron. - RR. Roadsides, grasslands. 200-300 m

Medicago doliata Carmign. - T scap - Steno-Medit. - R. Meadows, pastures, grasslands. 165-400 m

Medicago intertexta (L.) Mill. - T scap - W-Medit. Macaron. - R. Grasslands, roadsides. 550-1060 m

Medicago lupulina L. - T scap - Paleotemp. - R. Grasslands, roadsides, clearings. 1000-1100 m

Medicago minima (L.) L. - T scap - Euras. - R. Scarps, sandy soils, rocks, ruins. 300-490 m

Medicago murex Willd. - T scap - Steno-Medit. - S. Grasslands, wet places, scrublands. 164-750 m

Medicago orbicularis (L.) Bartal. - T scap - Euri-Medit. - S. Fallow land, grasslands. 164-1250 m

Medicago polymorpha L. - T scap - Subcosmop. - C. Grasslands, fallow land, roadsides, woodlands, scrublands. 164-1060 m

Medicago praecox DC. - T scap - Steno-Medit. - R. Wet meadows, grasslands. 164-500 m
First report: Veri & Bruno 1974

Medicago rigidula (L.) All. - T scap - Euri-Medit. - R. Grasslands, scarps, pastures. 165-450 m

Medicago sativa L. - H scap - Euras. - P/NAT - R. Fallow land, roadsides, meadows, pastures. 170-850 m

Medicago soleirolii Duby - T scap - SW-Medit. - RR. Roadsides, clearings. 500-600 m

Medicago truncatula Gaertn. - T scap - Steno-Medit. - S. Grasslands, fallow land, roadsides. 165-650 m

Ononis reclinata L. - T scap - Medit-Turan. - R. Scrublands, rocks, woodlands, scarps. 164-500 m

Ornithopus compressus L. - T scap - Euri-Medit. - C. Grasslands, scrublands, roadsides, woodlands. 164-1330 m
First report: Negodi 1931

Ornithopus perpusillus L. - T scap - Medit-Atl. - R. Sandy soils, clearings, grasslands. 1040-1280 m
First report: Arrigoni 2010b
Notes: the author above reported the taxon doubtfully. We confirm its presence in the study area.

Ornithopus pinnatus (Mill.) Druce - T scap - Medit-Atl. - S. Grasslands, sandy soils, scrublands. 164-800 m

Robinia pseudoacacia L. - P scap - N-Amer. - P/NAT - S. Roadsides, clearings, reforestations, scrublands. 200-1135 m
Notes: it had been planted in reforestation efforts, along roads and railroads, from where it is now becoming naturalized and potentially invasive.

Scorpiurus muricatus L. - T scap - Euri-Medit. - C. Grasslands, sandy soils, scarps, scrublands. 165-990 m

Spartium juncaenum L. - P caesp - Euri-Medit. - A/NAT - R. Scrublands, roadsides, clearings, hedges. 250-950 m

Trifolium angustifolium L. - T scap - Euri-Medit. - C. Grasslands, scrublands, woodlands. 165-1000 m
First report: Veri & Bruno 1974

Trifolium arvense L. - T scap - Paleotemp. - C. Grasslands, scrublands, woodlands, fallow land. 164-1280 m
First report: Veri & Bruno 1974

Trifolium bocconei Savi - T scap - Steno-Medit. - R. Grasslands, clearings, scrublands. 250-700 m

Trifolium campestre Schreb. - T scap - Paleotemp. - C. Grasslands, fallow land, woodlands, wet places. 164-1100 m
First report: Nicotra 1896

Trifolium cherleri L. - T scap - Euri-Medit. - S. Grasslands, sandy soils, scarps, roadsides, scrublands. 164-900 m

Trifolium fragiferum L. - H rept - Paleotemp. - RR. Roadsides, scrublands, grasslands. 400-1260 m

Trifolium glomeratum L. - T scap - Euri-Medit. - S. Grasslands, scrublands, roadsides. 165-870 m
First report: Nicotra 1896

Trifolium incarnatum L. subsp. *incarnatum* - T scap - Euri-Medit. - P/CAS - R. Pastures, fields, meadows, grasslands, roadsides. 170-850 m

Trifolium incarnatum L. subsp. *molinerii* (Balb. ex Hornem.) Ces. - T scap - Euri-Medit. - S. Grasslands, scrublands, scarps, roadsides. 164-1000 m

Trifolium lappaceum L. - T scap - Euri-Medit. - RR. Roadsides, grasslands. 165-600 m

Trifolium ligusticum Loisel. - T scap - Steno-Medit. - S. Scrublands, woodlands, grasslands. 250-1150 m
First report: Veri & Bruno 1974

Trifolium michelianum Savi - T scap - W-Medit. - R. Wet meadows, grasslands. 164-650 m

Trifolium micranthum Viv. - T scap - Paleotemp. - S. Wet meadows, garrigues, scrublands, woodlands. 500-1340 m
First report: Negodi 1931

Trifolium nigrescens Viv. - T scap - Euri-Medit. - C. Grasslands, scrublands, roadsides, fallow land. 165-1250 m
First report: Negodi 1931

Trifolium pratense L. - H scap - Eurosib. - C. Grasslands, garrigues, woodlands, roadsides. 164-1300 m
First report: Veri & Bruno 1974

Trifolium repens L. - H rept - Paleotemp. - C. Wet places, woodlands, scrublands, grasslands. 164-1300 m
First report: Veri & Bruno 1974

Trifolium resupinatum L. - H rept - Paleotemp - R. Wet meadows, springs, ponds. 164-530 m

Trifolium scabrum L. - T scap - Euri-Medit. - S. Scrublands, woodlands, garrigues, rocks. 165-850 m

Trifolium spumosum L. - T scap - Steno-Medit. - R. Fallow land, grasslands, roadsides. 200-450 m
First report: Nicotra 1896

Trifolium squarrosum L. - T scap - Euri-Medit. - R. Woodlands, wet meadows. 164-900 m

Trifolium stellatum L. - T scap - Euri-Medit. - C. Grasslands, scrublands, woodlands, rocks. 164-1200 m
First report: Veri & Bruno 1974

Trifolium striatum L. subsp. *striatum* - T scap - Paleotemp. - S. Scrublands, grasslands, garrigues, clearings. 200-900 m
First report: Veri & Bruno 1974

Trifolium striatum L. subsp. *tenuiflorum* (Ten.) Arcang. - T scap - Eurosib. - RR. Grasslands. 1030-1050 m

Trifolium strictum L. - T scap - Euri-Medit. - R. Wet meadows, grasslands, scrublands. 164-1060 m
First report: Veri & Bruno 1974

Trifolium subterraneum L. - T rept - Euri-Medit. - C. Grasslands, scrublands, clearings, garrigues. 165-1330 m
First report: Nicotra 1896

Trifolium tomentosum L. - T rept - Paleotemp. - S. Grasslands, roadsides, fallow land, scrublands. 164-1100 m

Trifolium vesiculosum Savi - T scap - N-Medit. - RR. Clearings, fields, roadsides. 170-1060 m
First report: Calvia & Urbani 2012a

Trigonella alba (Medik.) Coulot & Rabaute - T scap - Euras. - R. Roadsides, clearings, grasslands. 600-1210 m

Trigonella smalii Coulot & Rabaute - T scap - Steno-Medit. - RR. Roadsides, grasslands, clearings. 1000-1250 m

Trigonella sulcata (Desf.) Coulot & Rabaute - T scap - Steno-Medit. - R. Roadsides, grasslands, fallow land, clearings. 170-650 m

Vicia angustifolia L. - T scap - Cosmop. - C. Grasslands, fallow land, roadsides, scrublands. 165-1300 m
First report: Veri & Bruno 1974

Vicia benghalensis L. - T scap - Steno-Medit. - S. Grasslands, scrublands, rocks, roadsides. 164-950 m

Vicia bithynica (L.) L. - T scap - Euri-Medit. - R. Scrublands, woodlands, grasslands, scarps. 200-600 m

Vicia cordata Wulfen ex Hoppe - T scap - Euri-Medit. - S. Grasslands, roadsides, fallow land. 165-1250 m

Vicia dasycarpa Ten. - T scap - Euri-Medit. - C. Grasslands, fallow land, scrublands, roadsides. 165-1250 m

Vicia disperma DC. - T scap - W-Medit. - C. Scrublands, grasslands, fallow land. 165-1300 m
First report: Nicotra 1896

Vicia faba L. - T scap - ? - P/CAS - RR. Fields, grasslands, fallow land, roadsides. 165-1010 m

Vicia hybrida L. - T scap - Euri-Medit. - R. Scrublands, roadsides, fallow land. 164-1250 m
First report: Veri & Bruno 1974

Vicia lathyroides L. - T scap - Euri-Medit. - C. Grasslands, scrublands, garrigues, roadsides. 164-1200 m
First report: Nicotra 1896

Vicia lutea L. - T scap - Euri-Medit. - S. Grasslands, scrublands, roadsides. 165-1250 m

Vicia macrocarpa (Moris) Bertol. - T scap - Medit-Turan. - RR. Ruderal, roadsides. 550-600 m

Vicia narbonensis L. - T scap - Euri-Medit. - RR. Scrublands, scarps. 250-750 m

Vicia parviflora Cav. - T scap - W-Medit. - R. Grasslands, scrublands, roadsides. 250-500 m

Vicia peregrina L. - T scap - Medit-Turan. - R. Scrublands, garrigues, woodlands. 900-1330 m
First report: Nicotra 1896

Vicia sativa L. - T scap - Cosmop. - S. Fallow land, ruderal, roadsides, scrublands. 164-600 m

Vicia tenuifolia Roth - H scap - Euras. - RR. Roadsides, garrigues. 1200-1250 m
First report: Veri & Bruno 1974

Vicia villosa Roth - T scap - Euri-Medit. - R. Roadsides, fallow land, grasslands. 200-1250 m

Polygalaceae

Polygala vulgaris L. - H scap - Euras. - C. Scrublands, woodlands, garrigues, grasslands. 416-1340 m
First report: Cavara 1908

Rosales

Rhamnaceae

Rhamnus alaternus L. - P caesp - Steno-Medit. - C. Scrublands, woodlands, scarps. 165-1000 m
First report: Cavara 1908

Ulmaceae

Celtis australis L. - P scap - Euri-Medit. - P/CAS - R. Roadsides, fallow land. 200-600 m
First report: Veri & Bruno 1974

Notes: it had been planted along roadsides and in urban centres. Seedlings and saplings grow nearby.

Ulmus minor Mill. - P scap - Euro-Cauc. - P/CAS - RR. Roadsides. 250-1050 m

Ulmus pumila L. - P scap - As. - P/CAS - R. Ruderal, hedges, roadsides. 170-650 m
First report: Veri & Bruno 1974

Notes: it had been planted (as the taxon above) along roadsides, in reforestations and near human settlements, and now it is slowly spreading nearby, often through vegetative reproduction.

Rosaceae

Agrimonia eupatoria L. - H scap - Subcosmop. - R. Woodlands, clearings. 500-550 m

Amelanchier ovalis Medik. - P caesp - Steno-Medit. Mont. - S. Rocks, garrigues, scrublands, clearings, roadsides. 850-1355 m
First report: Moris 1837-1859

Aphanes floribunda (Murb.) Rothm. - T scap - Steno-Medit. - S. Grasslands, garrigues, woodlands, sandy soils, rocks. 165-1300 m
First report: Nicotra 1896

Aphanes pusilla (Pomel) Batt. - T scap - W-Medit. - R. Grasslands, garrigues. 750-1250 m

Crataegus monogyna Jacq. - P caesp - Paleotemp. - C. Scrublands, woodlands, rocks. 165-1350 m
First report: Veri & Bruno 1974

Fragaria viridis Weston - H rept - Eurosib. - P/NAT - R. Clearings, scrublands, roadsides, garrigues. 900-1215 m
First report: Arrigoni 2012

Notes: the presence of this taxon on the mountain is probably due to an ancient cultivation, from which it has spread nearby. It is now known from a few localities, often close to human settlements.

Geum urbanum L. - H scap - Circumbor. - R. Woodlands, clearings. 500-550 m

Malus domestica (Borkh.) Borkh. - P scap - Caucas. - P/NAT - S. Roadsides, scrublands, clearings. 500-1300 m

Potentilla crassinervia Viv. - Ch suffr - Endem. Sa Co - R. Rocks. 1150-1350 m

First report: Veri & Bruno 1974

Potentilla micrantha Ramond ex DC. - H ros - Euri-Medit. - C. Woodlands, garrigues, scrublands, springs, walls. 600-1340 m

First report: Terracciano 1914

Potentilla recta L. - H scap - Medit-Pont. - R. Scrublands, grasslands, cork oak woodlands, roadsides. 450-700 m

Potentilla reptans L. - H ros - Paleotemp. - C. Wet places, woodlands, garrigues, grasslands. 164-1340 m

First report: Cavara 1908

Poterium sanguisorba L. subsp. *sanguisorba* - H scap - Paleotemp. - C. Scrublands, grasslands, garrigues, woodlands, rocks, roadsides. 164-1350 m

First report: Terracciano 1914

Prunus avium (L.) L. - P scap - Euro-Cauc. - P/NAT - R. Wet woodlands, scrublands. 550-1300 m

Notes: its presence seems to be the result of a slow naturalization from past cultivation.

Prunus domestica L. subsp. *insititia* (L.) Bonnier & Layens - P scap - ? - P/NAT - RR. Hedges, scrublands. 400-500 m

Notes: its presence seems to be the result of a slow naturalisation from old cultivation.

Prunus dulcis (Mill.) D. A. Webb - P scap - S-Medit. Pont. - P/CAS - S. Fallow land, ruderal, wooded pastures, hedges, roadsides. 200-1050 m

Notes: once strongly planted, now it is frequent in almost all the areas where human settlements exist.

Prunus persica (L.) Batsch - P caesp - E-As. - A/CAS - RR. Roadsides, fallow land. 200-1300 m

Notes: some small trees, seedlings and saplings are known in the central areas of the mountain, along the main road leading to the summit of the massif; rare saplings and trees grow elsewhere.

Prunus spinosa L. - P caesp - Euro-Cauc. - C. Scrublands, hedges, clearings, rocks, garrigues. 164-1320 m

First report: Veri & Bruno 1974

Pyrus communis L. subsp. *pyraster* (L.) Ehrh. - P scap - Euro-Cauc. - RR. Scrublands, clearings. 900-1300 m

Pyrus spinosa Forssk. - P scap - Steno-Medit. - C. Wooded pastures, scrublands, clearings, roadsides. 164-1320 m

Rosa agrestis Savi - NP - Euri-Medit. - R. Scrublands, clearings, hedges. 200-600 m

Rosa andegavensis Bastard - NP - Euras. - R. Rocks, garrigues, scrublands. 250-1350 m

First report: Arrigoni 2010b

Rosa canina L. - NP - Paleotemp. - C. Scrublands, hedges, woodlands, rocks, walls, wet places. 165-1300 m

Rosa corymbifera Borkh. - NP - Euras. - R. Scrublands, clearings, scarps. 250-700 m

Rosa elliptica Tausch - NP - C-Europ. - R. Scrublands, rocks. 350-1300 m

First report: Arrigoni 2010b

Rosa pouzinii Tratt. - NP - W-Medit. - RR. Rocks, garrigues, streams. 400-950 m

Rosa sempervirens L. - NP - Steno-Medit. - C. Woodlands, scrublands, wet places, hedges. 164-1250 m

First report: Veri & Bruno 1974

Rosa serafini Viv. - NP - Steno-Medit. Mont. - C. Garrigues, rocks, scrublands. 900-1350 m

First report: Cavara 1908

Rosa sp. (cultivars) - NP - ? - P/CAS - R. Roadsides, hedges, ruderal. 250-1050 m

Notes: several varieties of the genus *Rosa* were locally planted in the past and are still spreading close to abandoned human settlements, through vegetative reproduction.

Rubus limbarae Camarda - NP - Endem. Sa(?) - R. Reforestations, streams, clearings, roadsides. 1040-1080 m

First report: Camarda 2003

Rubus ulmifolius Schott - P caesp - Euri-Medit. - CC. Woodlands, wet places, walls, rocks, ruderal, hedges, scrublands, paths. 164-1350 m

First report: Veri & Bruno 1974

Sorbus graeca (Spach) Lodd. ex S. Schauer - P caesp - S-Europ - RR. Rocks. 1150-1200 m

Sorbus torminalis (L.) Crantz. - P scap - Euro-Cauc. - R. Woodlands, scrublands, clearings. 890-1075 m

First report: Arrigoni 2010b

Moraceae

Ficus carica L. - P scap - Medit-Turan. - C. Fallow land, wet places, ruderal, woodlands, rocks. 164-1330 m

First report: Veri & Bruno 1974

Morus nigra L. - P scap - SW-As. - P/CAS - RR. Along a stream. 210 m

Urticaceae

Parietaria judaica L. - H scap - Euri-Medit. Macaron. - S. Ruderal, walls, rocks, fallow land, clearings. 165-710 m

Parietaria lusitanica L. - T rept - Steno-Medit. - R. Walls, rocks, woodlands. 165-620 m

Urtica atrovirens Req. ex Loisel - H scap - Endem. Sa Co AT It - S. Fallow land, rocks, woodlands, caves, ruderal, wet places. 170-1050 m

First report: Negodi 1931

Urtica dioica L. subsp. *dioica* - H scap - Subcosmop. - S. Wet places, clearings, ruderal. 165-1060 m

Urtica membranacea Poir. - T scap - Steno-Medit - S. Pastures, scrublands, woodlands, rocks, fallow land. 165-900 m

Urtica pilulifera L. - T scap - Steno-Medit. - R. Fallow land, pastures, ruderal. 250-500 m

Urtica urens L. - T scap - Subcosmop. - S. Fallow land, grasslands, pastures, woodlands, roadsides. 165-622 m

Cucurbitales

Cucurbitaceae

Ecballium elaterium (L.) A. Rich. - T scap - Euri-Medit. - RR. Roadsides, fallow land. 170-250 m

Fagales

Betulaceae

Alnus cordata (Loisel.) Desf. - P scap - Endem. Co It - P/CAS - RR. Along a stream. 450-580 m

Notes: it was planted close to a stream, along which several trees are now growing naturally.

Alnus glutinosa (L.) Gaertn. - P scap - Paleotemp. - C. Wet places. 164-1050 m

First report: Veri & Bruno 1974

Corylus avellana L. - P scap - Euro-Cauc. - P/CAS - R. Reforestations, woodlands. 500-1060 m

First report: Veri & Bruno 1974

Notes: it has been planted in reforestation efforts and now is locally spreading nearby, mostly through vegetative reproduction.

Fagaceae

Castanea sativa Miller - P scap - Europ. - P/NAT - S. Woodlands, reforestations. 500-1200 m

First report: Spano 1958

Notes: the author above reported a remnant natural woodland of about 20 ha. However, the taxon has been planted in reforestations, public and private areas, and now it is locally naturalised. According to Pavari & De Philippis (1941), 400 saplings of *C. crenata* Sieb. & Zucc. were planted in an experimental reforestation, in 1933; Unfortunately, we do not know the locality.

Fagus sylvatica L. - P scap - Europ. - P/CAS - R. Reforestations. 1000-1150 m

Notes: it was planted in reforestations, and now is locally starting a slow naturalisation.

Quercus ilex L. - P scap - Steno-Medit. - CC. Woodlands, scrublands, rocks. 164-1350 m
First report: Cavara 1908

Quercus pubescens Willd. - P scap - Europ. - S. Woodlands, scrublands. 170-980 m
First report: Veri & Bruno 1974

Notes: some controversial treatments for describing the variation within *Q. pubescens* exist (Mossa & al. 1998, 1999; Arrigoni 2006; Camarda & Valsecchi 2008). In absence of genetic analyses which could resolve the simple morphologic descriptions, we prefer to treat this taxon as a single species, according to Arrigoni (2006).

* ***Quercus rubra*** L. - P scap - N-Amer. - OP

First report: Veri & Bruno 1974

Notes: it has rarely been planted in reforestations on the Limbara Nord (550-1060 m).

Quercus suber L. - P scap - W-Medit. - CC. Woodlands, dehesas, scrublands, rocks. 164-1015 m
First report: Veri & Bruno 1974

Quercus ×morisii Borzi - P scap - W-Medit. - RR. Cork oak woodlands. 300-700 m
First report: Veri & Bruno 1974

Notes: hybrid taxon between *Q. suber* and *Q. ilex*.

Juglandaceae

* ***Juglans regia*** L. - P scap - SW-As. - OP

First report: Veri & Bruno 1974

Notes: it has rarely been planted in reforestations and private areas (200-600 m).

Geraniales

Geraniaceae

Erodium botrys (Cav.) Bertol. - T scap - Steno-Medit. - S. Grasslands, sandy soils, fallow land, scrublands. 164-1100 m
First report: Negodi 1931

Erodium cicutarium (L.) L'Her. - T caesp - Subcosmop. - R. Grasslands, fallow land, roadsides. 165-600 m

Erodium maritimum (L.) L'Her. - H bienn - Europ. - RR. Clearings on a reforestation. 1250-1280 m
First report: Nicotra 1896

Erodium moschatum (L.) L'Her. - T scap - Euri-Medit. - S. Grasslands, fallow land, roadsides. 164-900 m

Geranium columbinum L. - T scap - Eurosib. - S. Grasslands, scrublands, garrigues, woodlands, rocks. 164-1330 m
First report: Cavara 1908

Geranium dissectum L. - T scap - Euras. - S. Scrublands, woodlands, grasslands. 164-1250 m

Geranium lanuginosum Lam. - T scap - C-Medit. - R. Woodlands, clearings. 600-1000 m

Geranium lucidum L. - T scap - Euri-Medit. - C. Woodlands, scrublands, grasslands, rocks, ruderal. 164-1300 m
First report: Negodi 1931

Geranium molle L. - T scap - Euras. - C. Grasslands, scrublands, woodlands, roadsides, fallow land. 164-1340 m
First report: Veri & Bruno 1974

Geranium purpureum Vill. - T scap - Euri-Medit. - C. Grasslands, scrublands, woodlands, rocks, scarps. 164-1300 m
First report: Veri & Bruno 1974

Geranium robertianum L. - T scap - Subcosmop. - S. Woodlands, wet places. 400-1280 m
First report: Veri & Bruno 1974

Geranium rotundifolium L. - T scap - Paleotemp. - S. Scrublands, scarps, rocks, grasslands, ruderal. 250-1100 m

Geranium sanguineum L. - H scap - Euro-Cauc. - RR. Clearings in holm oak woodlands. 700-750 m
First report: Ruggero & Calvia 2014

Myrtales

Onagraceae

Chamaenerion angustifolium (L.) Scop. - H scap - Circumbor. - R. Scrublands, rocks, clearings, garrigues, ruderal. 900-1250 m

First report: Corrias & Diana-Corrias 1979

Specimen seen: M. Limbara. "Abbafritta" m 900. 28-VI-1976; *Corrias, Diana* (SS)

Epilobium hirsutum L. - H scap - Paleotemp. - S. Streams, lakes, springs. 164-1210 m

Epilobium lanceolatum Seb. & Mauri - H scap - W-Europ. - S. Wet places, woodlands, rocks. 500-1320 m

First report: Cavara 1908

Epilobium montanum L. - H scap - Euras. - RR. Springs, wet meadows. 1200-1210 m

First report: Veri & Bruno 1974

Epilobium obscurum Schreb. - H scap - Europ. - C. Wet woodlands, springs, streams. 164-1320 m

First report: Cavara 1908

Epilobium parviflorum Schreb. - H scap - Paleotemp. - R. Wet places. 800-900 m

Epilobium tetragonum L. s.l. - H scap - Paleotemp. - R. Woodlands, wet places. 500-800 m

Oenothera stricta Ledeb. ex Link - T scap - S-Amer. - A/CAS - RR. Fallow land, roadsides. 450-500 m

Lythraceae

Lythrum hyssopifolia L. - T scap - Subcosmop. - C. Wet places. 160-1000 m

First report: Veri & Bruno 1974

Lythrum salicaria L. - H scap - Subcosmop. - R. Streams, lakes. 160-990 m

Middendorfia borysthenica (Schrank) Trautv. - T scap - Steno-Medit. - S. Wet places. 164-1110 m

Peplis portula L. - T rept - Eurosib. - R. Wet meadows, ponds, clearings. 480-1000 m

Specimens seen: Monte Limbara, al Prado del rio di Baldu, di là di Tanca Manna dopo il 27° km. 24-VI-1907. *Sine coll.* (SASSA); Monte Limbara, prati e rocce tra la Madonna della Neve, P. Balestrieri e Funtana Nicomede. 24-VI-1907. *Sine coll.* (SASSA)

Myrtaceae

Eucalyptus camaldulensis Labill. - P scap - Austral. - P/NAT - R. Reforestations, roadsides, scrublands. 164-575 m

* *Eucalyptus globulus* Labill. - P scap - Austral. - OP

Notes: it was planted in reforestations (Limbara Sud) and in other areas (200-550 m).

Myrtus communis L. - P caesp - Medit-Turan. - C. Scrublands, woodlands. 164-800 m

First report: Veri & Bruno 1974

Brassicales

Resedaceae

Reseda alba L. - T scap/H scap - Steno-Medit. - RR. Fallow land, grasslands, ruderal. 180-200 m

Reseda lutea L. - H scap - Europ. - RR. Grasslands, fallow land, ruderal. 600-650 m

Reseda luteola L. - H scap/T scap - Euras. - S. Grasslands, fallow land, roadsides. 165-750 m

Sesamoides interrupta (Boreau) G. Lopez - H scap - W-Medit. - S. Sandy soils, grasslands, ponds, garrigues. 164-1350 m

First report: Cavara 1908

Brassicaceae

Arabidopsis thaliana (L.) Heynh. - T scap - Cosmop. - C. Grasslands, garrigues, scrublands, clearings, rocks, fallow land. 164-1330 m
First report: Terracciano 1914

Arabis verna (L.) R. Br. - T scap - Steno-Medit. - S. Woodlands, scrublands, scarps, rocks. 165-630 m

Barbarea rupicola Moris - Ch suffr - Endem. Sa Co - RR. Rocks, scarps, scrublands. 500-1000 m
First report: Barbey 1884

Barbarea verna (Miller) Asch. - H scap - W-Europ. - R. Grasslands, fallow land, scrublands. 450-500 m

Brassica rapa L. subsp. *campestris* (L.) A. R. Claphan - H bienn - Steno-Medit. - S. Fallow land, ruderal, grasslands, roadsides. 165-1050 m

Bunias erucago L. - T scap - Euri-Medit. - C. Grasslands, fallow land, roadsides, ruderal, scrublands. 164-1250 m

Calepina irregularis (Asso) Thell - T scap - Medit-Turan. - S. Grasslands, wet places, woodlands. 164-850 m

Capsella bursa-pastoris (L.) Medik. - H bienn - Cosmop. - C. Grasslands, fallow land, ruderal, roadsides, garrigues, woodlands. 164-1330 m
First report: Veri & Bruno 1974

Capsella rubella Reut. - T scap - Euri-Medit. - R. Grasslands, fallow land, roadsides, ruderal, woodlands. 300-1100 m

Cardamine flexuosa With. - H scap - Circumbor. - RR. Wet meadows, lakes, ponds. 164-550 m

Cardamine hirsuta L. - T scap - Cosmop. - C. Grasslands, fallow land, roadsides, woodlands, scrublands, rocks, ruderal. 164-1250 m
First report: Veri & Bruno 1974

Draba verna L. subsp. *praecox* (Steven) Rouy & Foucaud - T scap - Circumbor. - C. Grasslands, sandy soils, rocks, woodlands. 164-1330 m

Draba verna L. subsp. *spathulata* (Láng) Rouy & Foucaud - T scap - Circumbor. - R. Sandy soils, rocks, garrigues. 950-1340 m
First report: Veri & Bruno 1974

Draba verna L. subsp. *verna* - T scap - Circumbor. - R. Grasslands, sandy soils, scrublands. 165-1210 m
First report: Nicotra 1896

Hirschfeldia incana (L.) Lagr.-Foss. - H scap - Medit-Macaron. - S. Grasslands, fallow land, roadsides, clearings. 165-650 m

Lepidium draba L. - H scap - Medit-Turan. - RR. Fallow land, grasslands. 200-250 m

Lepidium graminifolium L. - H scap - Euri-Medit. - S. Grasslands, scrublands, fallow land, ruderal, rocks. 164-950 m

Lepidium ruderales L. - T scap - Europ. - A/NAT - R. Ruderal, roadsides, fallow land. 200-600 m

Lunaria annua L. - H scap - SE-Europ. - A/NAT - R. Woodlands, roadsides, ruderal. 400-715 m
First report: Ruggero & Calvia 2014

Matthiola incana (L.) W. T. Aiton - Ch suffr - Steno-Medit - P/NAT - R. Walls, scarps. 180-220 m

Nasturtium officinale R. Br. - H scap - Cosmop. - R. Streams, ponds, wet meadows. 164-750 m

Raphanus raphanistrum L. subsp. *landra* (Moretti ex DC.) Bonnier & Layens - T scap - Euri-Medit. - S. Roadsides, fallow land, grasslands, scrublands. 250-1100 m
Notes: this taxon is mostly diffuse in the northern side of the mountain, while the following is widespread in the area, growing mainly on anthropic disturbed places.

Raphanus raphanistrum L. subsp. ***raphanistrum*** - T scap - Euri-Medit. - C. Fallow land, grasslands, roadsides, ruderal, scrublands. 200-1250 m
First report: Veri & Bruno 1974

Rapistrum rugosum (L.) All. - T scap - Euri-Medit. - RR. Scrublands, clearings, roadsides. 200-500 m

Sinapis alba L. - T scap - E-Medit. - RR. Clearings, ruderal, roadsides. 200-600 m

Sisymbrium officinale (L.) Scop. - T scap - Paleotemp. - C. Grasslands, fallow land, roadsides. 165-1050 m
First report: Veri & Bruno 1974

Teesdalia coronopifolia (J. P. Bergeret) Thell. - T scap - Euri-Medit. - C. Grasslands, rocks, scrublands, garrigues, sandy soils. 164-1340 m
First report: Terracciano 1914

Malvales

Thymelaeaceae

Daphne gnidium L. - P caesp - Medit-Macaron. - C. Scrublands, woodlands, rocks, garrigues. 164-1200 m
First report: Veri & Bruno 1974

Daphne laureola L. - P caesp - Subatl. - S. Woodlands, scrublands, rocks, garrigues. 1000-1300 m
First report: Veri & Bruno 1974

Cistaceae

Cistus creticus L. subsp. ***eriocephalus*** (Viv.) Greuter & Burdet - NP - Steno-Medit. - C. Scrublands, garrigues, woodlands, scarps. 164-1300 m
First report: Cavara 1908

Cistus monspeliensis L. - NP - Medit-Macaron. - C. Scrublands, garrigues, woodlands, scarps. 164-1250 m
First report: Cavara 1908

Notes: it is very common in not evolved scrublands up to 1000 m, then becomes increasingly rare until only isolated bushes grow in southern exposures up to 1250 m.

Cistus salviifolius L. - NP - Steno-Medit. - C. Garrigues, rocks, scrublands, woodlands. 165-1330 m
First report: Negodi 1931

Fumana thymifolia (L.) Spach ex Webb - Ch suffr - Steno-Medit. - S. Garrigues, rocks, scrublands, open woodlands. 250-1100 m
First report: Cavara 1908

Halimium halimifolium (L.) Willk - NP - W-Medit. - S. Scrublands, garrigues, rocks, scarps, open woodlands. 200-830 m
First report: Cavara 1908

Helianthemum aegyptiacum (L.) Mill. - T scap - Medit-Turan. - S. Sandy soils, garrigues, rocks. 170-1050 m
Specimen seen: Limbara. Vallicciola. 23-VI-1988, *Valsecchi & Villa* (SS)

Tuberaria guttata (L.) Fourr. - T scap - Euri-Medit. - C. Grasslands, garrigues, rocks, woodlands. 164-1300 m
First report: Cavara 1908

Tuberaria inconspicua (Pers.) Willk. - T scap - Steno-Medit - R. Sandy soils. 400-600 m

Tuberaria lignosa (Sweet.) Samp. - Ch suffr - W-Medit. - C. Garrigues, scrublands, grasslands, clearings, sandy soils. 400-1350 m
First report: Nicotra 1896

Malvaceae

Malva alcea L. - H scap - C-Europ. - R. Clearings, roadsides. 500-600 m

Malva multiflora (Cav.) Soldano, Banfi & Galasso - T scap - Steno-Medit. - S. Grasslands, fallow land, roadsides, scrublands. 200-550 m

Malva neglecta Wallr. - T scap - Paleotemp. - R. Grasslands, fallow land, roadsides. 170-1210 m

Malva nicaeensis All. - T scap - Steno-Medit. - S. Grasslands, roadsides, fallow land. 300-1030 m

Malva olbia (L.) Alef. - NP - Steno-Medit. - R. Scrublands, roadsides, scarps, grasslands, open woodlands. 170-1025 m

Malva parviflora L. - T scap - Euri-Medit. - R. Grasslands, roadsides. 300-620 m

Malva setigera K. F. Schimp & Spenn. - T scap - Euri-Medit. - RR. Scrublands, stony slopes. 300-400 m

Malva sylvestris L. - H scap - Eurosib. - C. Grasslands, fallow land, roadsides, scrublands, ruderal. 165-1300 m

Cytinaceae

Cytinus hypocistis (L.) L. - G rad - Medit-Macaron. - C. On *Cistus monspeliensis*, *C. salviifolius* and *Halimium halimifolium* roots. 165-1050 m

First report: Negodi 1931

Cytinus ruber Fourr. ex Fritsch - G rad - W-Medit. - R. On *Cistus creticus* roots. 200-620 m

Santalales

Santalaceae

Osyris alba L. - NP - Euri-Medit. - C. Woodlands, scrublands, garrigues, rocks. 165-1300 m

First report: Veri & Bruno 1974

Thesiaceae

Thesium italicum A. DC. - H scap - Endem. Sa - S. Rocks, garrigues, scarps, scrublands. 950-1350 m

First report: Schmid 1933

Sapindales

Rutaceae

Ruta chalepensis L. - Ch suffr - Steno-Medit. - R. Scrublands, rocks, scarps, walls. 250-490 m

Simaroubaceae

Ailanthus altissima (Mill.) Swingle - P scap - E-As. - P/NAT - R. Fallow land, roadsides, ruderal. 170-1100 m

Anacardiaceae

Pistacia lentiscus L. - P caesp - Medit-Macaron. - C. Scrublands, woodlands, hedges. 164-750 m

First report: Cavara 1908

Aceraceae

* *Acer campestre* L. - P scap - Euro-Cauc. - OP

Notes: it has rarely been planted in the State Forest "Limbara Sud" and on private properties (300-600 m).

Acer monspessulanum L. - P scap - Euri-Medit. - R. Rocks, scrublands, woodlands. 1150-1300 m

First report: Veri & Bruno 1974

Acer pseudoplatanus L. - P scap - Euro-Cauc. - P/NAT - S. Roadsides, scrublands, reforestations, rocks. 600-1330 m

First report: Veri & Bruno 1974

Notes: it has been cultivated along roads and in the forestry domain of Tempio Pausania since the 1930s, then it has spread to many places. Veri & Bruno (1974), who probably found trees already growing in the wild, cited the taxon as both native and cultivated.

Sapindaceae

* *Aesculus hippocastanum* L. - P scap - Balcan. - OP

Notes: it has been rarely planted as an ornamental tree (400-600 m).

Ericales

Primulaceae

Cyclamen hederifolium Aiton - G bulb - Steno-Medit. - R. Woodlands, clearings. 500-600 m

First report: Arrigoni 2010a

Specimens seen: Prati sulla destra salendo al Limbara dalla strada che parte dalla zona industriale. 20-X-1995 Leg. *Italo Damiani*, sub *Cyclamen neapolitanum* (SS); Limbara, versante ovest. Stazzo di Li Mulini. 26-X-1995. *S. Diana & R. Filigheddu* (SS)

Cyclamen repandum Sm. - G bulb - Steno-Medit. - C. Woodlands, scrublands, garrigues, rocks, clearings. 165-1330 m
First report: Barbey 1884

Lysimachia arvensis (L.) U. Manns & Anderb. subsp. *arvensis* - T scap - Euri-Medit. - C. Grasslands, garrigues, roadsides, rocks, scrublands, open woodlands. 164-1330 m
First report: Veri & Bruno 1974

Lysimachia arvensis (L.) U. Manns & Anderb. subsp. *parviflora* (Hoffmanns. & Link) Peruzzi - T scap - W-Medit. - S. Wet places, grasslands, garrigues. 300-1150 m
Notes: we found this taxon almost only on wet places, while the previous is ubiquitous.

Lysimachia linum-stellatum L. - T scap - Steno-Medit. - C. Grasslands, scrublands, rocks, garrigues, woodlands. 164-1295 m

Lysimachia minima (L.) U. Manns & Anderb. - T scap - Euras. - S. Wet meadows, garrigues. 164-1330 m

Samolus valerandi L. - H scap - Subcosmop. - S. Streams, springs, lakes. 164-1300 m
First report: Cavara 1908

Ericaceae

Arbutus unedo L. - P caesp - Steno-Medit. - C. Scrublands, woodlands. 165-1250 m
First report: Cavara 1908

Notes: it is very common up to 1000 m, then becomes increasingly rare until 1250 m, where only a few bushes grow in slopes having south-eastern aspect.

Erica arborea L. - P caesp - Medit-Atl. - CC. Scrublands, garrigues, woodlands, rocks. 164-1350 m
First report: Cavara 1908

Erica scoparia L. - P caesp - W-Medit. - C. Scrublands, garrigues, woodlands, rocks. 250-1350 m
First report: Cavara 1908

Erica terminalis Salisb. - P caesp - W-Medit. - S. Wet places, scrublands, garrigues, clearings. 200-1330 m
First report: Barbey 1884

Gentianales

Rubiaceae

Asperula laevigata L. - H scap - CW-Medit. - S. Woodlands, wet places. 164-1250 m

Galium album Mill. subsp. *album* - H scap - Euri-Medit. - (A/NAT?) - R. Woodlands, fallow land, roadsides. 580-630 m

Notes: it is unclear its origin, though it appears to be probably naturalised, since it has been found only in the proximity of Tempio Pausania.

Galium aparine L. - T scap - Euras. - C. Grasslands, ruderal, fallow land, roadsides, scrublands, woodlands, hedges. 164-1330 m
First report: Veri & Bruno 1974

Galium corsicum Spreng. - H scap - Endem. Sa Co - C. Rocks, garrigues, scarps, scrublands. 700-1350 m
First report: Arrigoni 1980

Galium debile Desv. - H scap - Euri-Medit. - R. Wet places. 164-830 m
Specimen seen: Monte Limbara, tra rio di Baldu e Abbafritta. 14-VI-1907. *Sine coll.* (SASSA)

Galium divaricatum Lam. - T scap - Steno-Medit. - S. Scrublands, garrigues, grasslands, woodlands. 165-1300 m
First report: Veri & Bruno 1974

Galium murale (L.) All. - T scap - Steno-Medit. - S. Grasslands, roadsides, fallow land. 200-750 m

Galium palustre L. subsp. *elongatum* (C. Presl.) Lange - H scap - Euri-Medit. - R. Streams, lakes, wet meadows. 164-500 m

Galium parisiense L. - T scap - Euri-Medit. - R. Woodlands, scrublands, grasslands. 250-600 m

Galium rotundifolium L. - H scap - Euras. Mont. - S. Woodlands, scrublands, rocks. 500-1280 m
First report: Cavara 1908

Galium scabrum L. - H scap - W-Medit. - C. Woodlands, scrublands. 165-1250 m
First report: Barbey 1884

Galium spurium L. - T scap - Euras. - R. Scarps, rocks, scrublands. 200-1100 m

Galium tricorntum Dandy - T scap - Euri-Medit - R. Grasslands, roadsides. 165-250 m

Galium verrucosum Huds. subsp. *verrucosum* - T scap - Steno-Medit. - S. Grasslands, scarps, scrublands, rocks, woodlands. 165-1000 m

Galium verum L. - H scap - Euras. - EX(?). Roadsides. 550-600 m

Notes: a wide population was once present near Cantoniera Larai, on the northern border. This has been totally destroyed during the 2010, after a massive use of weedkiller along that road. Afterwards it did not reappear, and it is probably extinct there.

Rubia peregrina L. subsp. *peregrina* - P lian - Steno-Medit. - C. Woodlands, scrublands, rocks, hedges, ruderal, fallow land. 165-1000 m
First report: Veri & Bruno 1974

Rubia peregrina L. subsp. *requieni* (Duby.) Cardona & Sierra - P lian - Subendem. Sa Co It Bl - S. Woodlands, scrublands, wet places. 500-1300 m
First report: Arrigoni 2013
Notes: for the nomenclature of this taxon we follow Arrigoni (2013) and Pignatti (2017-2019). Unlike the previous, we found this subspecies mostly on northern aspects, in cooler sites.

Sherardia arvensis L. - T scap - Euri-Medit. - C. Grasslands, scrublands, fallow land, woodlands, roadsides, garrigues. 164-1340 m
First report: Veri & Bruno 1974

Theligonum cynocrambe L. - T scap - Steno-Medit. - C. Woodlands, rocks, scarps, scrublands. 165-850 m

Gentianaceae

Blackstonia perfoliata (L.) Huds. subsp. *perfoliata* - T scap - Euri-Medit. - R. Wet places. 430-650 m

Centaureum erythraea Rafn. subsp. *rumelicum* (Velen.) Melderis - H bienn - Paleotemp. - R. Roadsides, sandy soils, clearings. 550-650 m

Centaureum grandiflorum (Pers.) Ronniger. subsp. *majus* (Hoffmanns & Link) Z. Diaz - H bienn - Steno-Medit. - C. Wet places, scrublands, grasslands, scarps. 164-1330 m
First report: Veri & Bruno 1974 sub *C. erythraea* Raf.

Centaureum maritimum (L.) Fritsch - T scap - Steno-Medit. - C. Garrigues, scrublands, rocks. 164-1300 m
First report: Veri & Bruno 1974

Cicendia filiformis (L.) Delarbre - T scap - SW-Europ. - C. Wet places. 164-1320 m
First report: Veri & Bruno 1974

Exaculum pusillum (Lam.) Caruel - T scap - W-Medit. - S. Wet places. 164-1300 m

Apocynaceae

Nerium oleander L. - P caesp - Steno-Medit. - P/CAS - RR. Roadsides, fallow land. 200-350 m

Notes: it is planted as an ornamental bush in gardens, sidewalks and public areas and is locally spontaneous nearby.

Vinca difformis Pourr. subsp. *sardoa* Stearn - Ch rept - Endem. Sa - S. Ruderal, hedges, open woodlands, streams. 165-710 m
First report: Corrias 1981

Asclepiadaceae

Asclepias fruticosa L. - P caesp - S-Afr. - A/CAS - RR. Roadsides, fallow land, scrublands. 250-650 m

Vincetoxicum hirundinaria Medik. subsp. *hirundinaria* - H scap - Euras. - S. Garrigues, rocks, scrublands, woodlands. 350-1350 m
First report: Nicotra 1896
Specimen seen: Limbara. "Sa Dispensa", 30-V-1969, *S. Diana* (SS).

Boraginales

Boraginaceae

Anchusa undulata L. subsp. *hybrida* (Ten.) Bég. - H bienn - Steno-Medit. - R. Grasslands, roadsides. 170-250 m

Borago officinalis L. - T scap - Euri-Medit. - S. Grasslands, fallow land, scrublands, scarps, ruderal. 165-650 m
First report: Veri & Bruno 1974

Borago pygmaea (DC.) Chater & Greuter - H scap - Endem. Sa Co AT - RR. In an alder woodland along a stream. 350-370 m

Cerintho major L. - T scap - Steno-Medit. - R. Roadsides, grasslands, fallow land, garrigues. 170-1050 m

Cynoglossum creticum Mill. - H bienn - Euri-Medit. - S. Scrublands, woodlands, grasslands, pastures, roadsides. 165-650 m

Echium anchusoides Bacch., Brullo & Selvi - H scap - Endem. Sa - S. Garrigues, rocks, sandy soils. 600-1350 m
First report: Moris 1837-59 sub *E. pustulatum*

Echium italicum L. - H bienn - Euri-Medit. - S. Grasslands, pastures, roadsides, fallow land. 165-1220 m
First report: Veri & Bruno 1974

Echium plantagineum L. - T scap - Euri-Medit - C. Scrublands, grasslands, ruderal, fallow land, roadsides. 164-1340 m
First report: Veri & Bruno 1974

Echium vulgare L. - H bienn - Steno-Medit. - RR. Clearings, roadsides. 850-900 m

Heliotropium europaeum L. - T scap - Medit-Turan. - C. Grasslands, pastures, fallow land, ruderal, roadsides. 164-1000 m

Heliotropium supinum L. T scap - Paleosubtrop. - R. Shores of Lake Coghinas. 160-165 m

Myosotis arvensis (L.) Hill - T scap - Euras. - S. Scrublands, grasslands, woodlands. 164-1000 m

Myosotis discolor Pers. - T scap - Medit-Atl. - R. Grasslands, clearings. 450-1060 m

Myosotis ramosissima Rochel. - T scap - Euras. - C. Grasslands, scrublands, woodlands. 164-1330 m
First report: Terracciano 1914

Myosotis sicula Guss. - T scap - Euri-Medit. - R. Wet meadows, ponds. 164-800(980) m
First report: Veri & Bruno 1974

Notes: the taxon was once present also in a wet place at 980 m (Campu di Li Boi), which has since been drained out after refurbishment works, and it is now locally extirpated.

Lamiales

Oleaceae

Fraxinus angustifolia Vahl. subsp. *oxycarpa* (M. Bieb. ex Willd.) Franco & Rocha Afonso - P scap - Europ. - S. Woodlands, streams, rocks. 165-1250 m
Notes: it has been locally introduced in reforestations.

Fraxinus ornus L. - P caesp - Euri-Medit. - C. Woodlands, wet places, rocks, scrublands. 164-1300 m
First report: Veri & Bruno 1974

Olea europaea L. var. *sylvestris* Brot. - P caesp - Steno-Medit. - C. Scrublands, woodlands. 164-650 m
First report: Veri & Bruno 1974
Notes: for the nomenclature of this taxon we follow Pignatti (2017-2019).

Phillyrea angustifolia L. - P caesp - Steno-Medit. - C. Scrublands, woodlands. 164-1020 m
First report: Cavara 1908

Phillyrea latifolia L. - P caesp - Steno-Medit. - C. Woodlands, scrublands, rocks, scarps. 165-1100 m
First report: Veri & Bruno 1974

* *Syringa vulgaris* L. - P caesp - SE-Europ. - OP
Notes: it has been rarely cultivated as an ornamental plant in hedges (500-1050 m).

Verbenaceae

Verbena officinalis L. - H scap - Paleotemp. - S. Roadsides, fallow land, grasslands, wet places. 165-1300 m

Verbena supina L. - T scap - Steno-Medit. - R. Sandy shores of Lake Coghinas. 160-165 m

Lamiaceae

Ajuga reptans L. - H rept - Euro-Cauc. - A/NAT - RR. Reforestations, along a stream. 1040-1060 m
First report: Ruggero 2000

Ballota nigra L. subsp. *uncinata* (Fiori & Beg.) Patzak - H scap - Steno-Medit. - S. Grasslands, ruderal, fallow land, scrublands. 165-1250 m

Clinopodium nepeta (L.) Kuntze subsp. *spruneri* (Guss.) Bartolucci & F.Conti - Ch suffr - Steno-Medit. - C. Wet places, scrublands, grasslands, roadsides, woodlands. 165-1320 m

Clinopodium vulgare L. subsp. *arundanum* (Boiss.) Nyman - H scap - Circumbor. - C. Woodlands, grasslands, scrublands, wet meadows. 165-1340 m
First report: Veri & Bruno 1974

Lamium amplexicaule L. - T scap - Euri-Medit. - S. Grasslands, scrublands, fallow land, ruderal. 164-1250 m
First report: Veri & Bruno 1974

Lamium bifidum Cirillo - T scap - Steno-Medit. - S. Woodlands, grasslands, scrublands, fallow land. 165-1300 m

Lamium purpureum L. - T scap - Euras. - R. Grasslands, scrublands, woodlands, roadsides. 500-1000 m
First report: Terracciano 1914

Lavandula stoechas L. - NP - Steno-Medit. - C. Garrigues, scrublands, rocks, scarps, woodlands. 164-1340 m
First report: Cavara 1908

Lycopus europaeus L. - H scap - Paleotemp. - R. Streams, lakes, springs. 164-550 m

Marrubium vulgare L. - H scap - Eurosib. - S. Pastures, fallow land, grasslands. 165-800 m

Mentha aquatica L. - H scap - Paleotemp. - C. Wet places. 164-1250 m

Mentha pulegium L. - H scap - Euri-Medit. - C. Wet places. 164-1300 m
First report: Veri & Bruno 1974

Mentha requienii Benth. subsp. *requienii* - H rept - Endem. Sa Co - R. Wet rocks, streams. 400-1000 m
First report: Barbey 1884

Mentha spicata L. - H scap - Euri-Medit. - P/CAS - R. Wet places, clearings, ruderal. 200-1020 m

Mentha suaveolens Ehrh. subsp. *insularis* (Req.) Greuter - H scap - Subendem. Sa Co AT Bl - S. Wet places, roadsides, hedges, scrublands, grasslands, woodlands. 200-1300 m

Micromeria graeca (L.) Benth. subsp. *graeca* - Ch suffr - Steno-Medit. - S. Scrublands, garrigues, scarps. 165-1100 m

Micromeria graeca (L.) Benth. subsp. *tenuifolia* (Ten.) Nyman - Ch suffr - Endem. Sa Co Si It - S. Scrublands, garrigues, grasslands. 500-1250 m

First report: Veri & Bruno 1974

Notes: we found this taxon on the northern side of the mountain, while the previous is more diffuse elsewhere.

Prunella laciniata L. - H scap - Euri-Medit. - S. Woodlands, wet places, grasslands, scrublands, garrigues. 200-1100 m

First report: Veri & Bruno 1974

Prunella vulgaris L. - H scap - Circumbor. - C. Woodlands, wet places, scrublands, roadsides. 164-1300 m

First report: Veri & Bruno 1974

Prunella ×intermedia Link - H scap - Euri-Medit. - R. Wet places. 350-950 m

Notes: it is the hybrid taxon between *P. laciniata* and *P. vulgaris*.

Salvia clandestina L. - H scap - Steno-Medit. - S. Grasslands, garrigues, scrublands, woodlands. 165-1030 m

Salvia rosmarinus Spenn. - NP - Steno-Medit. - RR. Rocks of a stream. 330-400 (200-1020) m

Notes: it is native along the Rio Terramala only, while in other localities it is a casual adventitious.

Salvia verbenaca L. - H scap - Medit-Atl. - S. Grasslands, garrigues, roadsides, woodlands. 165-980 m

Stachys arvensis (L.) L. - T scap - Europ. - S. Grasslands, scrublands, scarps, fallow land. 164-850 m

Stachys corsica Pers. - H rept - Endem. Sa Co - C. Rocks, garrigues, wet woodlands, sandy soils. 600-1350 m

First report: Barbey 1884

Stachys germanica L. - H scap - Euri-Medit. - R. Woodlands, hedges, roadsides. 450-550 m

Stachys glutinosa L. - Ch frut - Endem. Sa Co AT - C. Garrigues, scarps, rocks, scrublands, woodlands. 165-1335 m

First report: Veri & Bruno 1974

Stachys romana (L.) E. H. L. Krause - T scap - Steno-Medit. - R. Grasslands, scarps, scrublands. 165-500 m

Stachys salisii Jord. & Fourr. - T scap - Endem. Sa Co AT - S. Rocks, garrigues, scarps. 520-980 m

Teucrium flavum L. subsp. *glaucum* (Jord. & Fourr.) Ronniger - Ch frut - Steno-Medit. - R. Scarps, rocks, scrublands, garrigues, woodlands, watercourses, roadsides. 200-550 m

Teucrium marum L. - Ch frut - Subendem. Sa Co AT Bl Hy - C. Garrigues, rocks, scrublands, scarps. 165-1350 m

First report: Veri & Bruno 1974

Teucrium massiliense L. - Ch suffr - W-Medit. - C. Scrublands, rocks, garrigues, woodlands, scarps. 200-1250 m

First report: Barbey 1884

Teucrium scorodonia L. - H scap - Europ. - S. Woodlands, scrublands, garrigues, rocks, scarps. 400-1280 m

First report: Terracciano 1914

Thymus herba-barona Loisel. - Ch rept - Subendem. Sa Co Bl - C. Garrigues, rocks, scrublands, clearings. 800-1350 m

First report: Barbey 1884

Thymus vulgaris L. - Ch frut - W-Medit. - P/CAS - RR. Fallow land, scrublands. 770-781 m

Notes: the taxon was planted in the garden of an isolated house, on the southern side of the mountain, from there it has spread nearby.

Vitex agnus-castus L. - P caesp - Medit-Turan. - R. Shores of lake Coghinas. 164-170(450) m

Notes: a single bush of this taxon has also been observed along Riu Santu Paulu, in the municipality of Calangianus (450 m a.s.l.), some 20 years ago, but it seems to be extirpated.

Scrophulariaceae

Scrophularia auriculata L. - H scap - Subatl. - R. Wet places. 500-600 m

First report: Moris 1837-1859

Scrophularia lyrata Willd. - H scap - W-Medit. - R. Wet places, woodlands. 163-650 m

First report: Valsecchi 1979

Notes: the presence of this taxon was accepted by Arrigoni (2013). Later, Bartolucci & al. (2018a) excluded it, considering only *S. auriculata* as present in Sardinia. The characters that we observed in the collected plants allowed us to confirm the presence of both taxa in the study area.

Scrophularia peregrina L. - T scap - Steno-Medit. - R. Woodlands, scrublands, ruderal, fallow land. 165-650 m

Scrophularia trifoliata L. - H scap - Endem. Sa Co AT - C. Rocks, woodlands, scrublands, ruderal. 180-1350 m

First report: Terracciano 1914

Scrophularia umbrosa Dumort. - H scap - Euras. - R. Springs, wet woodlands, streams. 400-1040 m

First report: Moris 1837-1859

Verbascum blattaria L. - H bienn - Paleotemp. - R. Grasslands, pastures, scarps, clearings, roadsides. 165-780 m

Verbascum conocarpum Moris - H bienn - Endem. Sa Co AT - S. Rocks, garrigues, scarps, scrublands, open woodlands. 300-950 m

Verbascum pulverulentum Vill. - H bienn - CS-Europ. - S. Grasslands, pastures, scrublands, fallow land, roadsides. 200-1050 m

Verbascum sinuatum L. - H bienn - Euri-Medit. - C. Grasslands, scrublands, roadsides. 165-1250 m

Verbascum thapsus L. - H bienn - Euro-Cauc. - R. Roadsides, grasslands, fallow land, scarps. 200-780 m

Orobanchaceae

Bellardia trixago (L.) All. - T scap - Euri-Medit. - C. Grasslands, scrublands, garrigues, rocks. 164-1050 m

Bellardia viscosa (L.) Fisch. & C. A. Mey - T scap - Medit-Atl. - C. Grasslands, scrublands, woodlands, garrigues, rocks. 164-1080 m

Odontites corsicus (Loisel) G. Don. - T scap - Endem. Sa Co - S. Garrigues, rocks, scarps, sandy soils. 1000-1350 m

First report: Veri & Bruno 1974

Odontites luteus (L.) Clairv. - T scap - Euri-Medit. - C. Scrublands, woodlands, garrigues. 165-1200 m

First report: Veri & Bruno 1974

Orobanche hederæ Vaucher ex Duby - T par - Euri-Medit. - S. Woodlands, on *Hedera helix*. 170-950 m

Orobanche minor Sm. - T par - Paleotemp. - C. Grasslands, garrigues, on many herbaceous plants. 165-1100 m

First report: Terracciano 1914

Orobanche rapum-genistæ Thuill. - T par - Subatl. - S. Scrublands, clearings, on *Cytisus* spp. 400-1200 m

Orobanche rigens Loisel. - T par - Endem. Sa Co - S. Garrigues, scrublands, on *Genista corsica*. 500-1300 m

First report: Moris 1837-1859

Parentucellia latifolia (L.) Caruel - T scap - Medit-Atl. - C. Grasslands, sandy soils, garrigues. 165-1330 m

First report: Negodi 1931

Phelipanche mutellii (F. W. Schultz) Reut. - T par - Euri-Medit. - S. Scrublands, grasslands, open woodlands, on different herbaceous taxa. 165-750 m

Phelipanche nana (Reut.) Soják - T par - Steno-Medit. - R. Grasslands, scrublands, on several herbaceous taxa. 165-350 m

Phelipanche schultzei (Mutel) Pomel - T par - S-Medit. - R. Scrublands, garrigues, scarps, on several herbaceous taxa. 200-500 m

Plantaginaceae

Callitriche brutia Petagna - I rad - Subatl. - R. Standing water. 200-500 m

Callitriche stagnalis Scop. - I rad - Euras - S. Streams, springs, ponds, lakes. 164-1040 m

Cymbalaria aequitriloba (Viv.) A. Chev. - Ch rept - Subendem. Sa Co AT BI - S. Rocks, caves, woodlands. 500-1350 m
First report: Barbey 1884

Cymbalaria muralis G. Gaertn. B. Mey. & Schreb. - H rept - C-Medit. - R. Ruderal, walls. 250-600 m

Digitalis purpurea L. - H scap - W-Medit. - C. Woodlands, rocks, garrigues, scrublands. 250-1350 m
First report: Cavara 1908

Gratiola officinalis L. - H scap - Circumbor. - S. Streams, springs, lakes. 250-1000 m
First report: Veri & Bruno 1974

Kickxia cirrhosa (L.) Fritsch - T scap - Steno-Medit. - R. Watercourses, rocks, sandy soils. 164-440 m

Kickxia commutata (Bernh. ex Rchb.) Fritsch - H rept - Steno-Medit. - S. Wet places, open woodlands, grasslands, roadsides. 164-1050 m

Kickxia spuria (L.) Dumort. - T scap - Euras. - RR. Roadsides, grasslands, fallow land. 170-250 m

Linaria arvensis (L.) Desf. - T scap - Subatl. - S. Sandy soils, scarps, rocks, scrublands. 165-500 m

Linaria flava (Poir.) Desf. subsp. *sardoa* (Sommier) A. Terracc. - T scap - Endem. Sa Co - RR. Sandy shores of Lake Coghinas. 164-170 m
First report: Calvia 2009

Linaria pellisseriana (L.) Mill. - T scap - Medit-Atl. - C. Grasslands, scrublands, garrigues. 165-1100 m
First report: Negodi 1931

Linaria triphylla (L.) Mill. - T scap - W-Medit. - RRR. Ruderal. 1050-1060 m
Notes: the taxon has been found only once, in the locality of Vallicciola. Probably, it was a casual adventitious in the area.

Littorella uniflora (L.) Asch. - I rad - W-Europ. - R. Lakes, ponds. 450-500 m

Misopates orontium (L.) Raf. - T scap - Euri-Medit. - C. Grasslands, scrublands, woodlands, garrigues, rocks, vineyards, roadsides. 165-950 m

Plantago afra L. - T scap - Steno-Medit. - R. Grasslands, scrublands, scarps. 165-650 m

Plantago bellardi All. - T scap - Steno-Medit. - C. Grasslands, scrublands, garrigues. 164-1330 m
First report: Negodi 1931

Plantago coronopus L. - H bienn - Euri-Medit. - C. Grasslands, scrublands, wet places. 164-1050 m
First report: Nicotra 1896

Plantago lagopus L. - T scap - Steno-Medit. - C. Grasslands, scrublands, wet places. 164-1050 m
First report: Veri & Bruno 1974

Plantago lanceolata L. - H ros - Euras. - C. Wet places, grasslands, scrublands, rocks. 164-1350 m
First report: Terracciano 1914

Plantago major L. - H ros - Euras. - C. Wet places, woodlands, scrublands, roadsides. 164-1350 m

First report: Veri & Bruno 1974

Plantago weldenii Rchb. - T ros - Steno-Medit. - R. Wet places. 400-700 m

Veronica anagallis-aquatica L. - H scap - Cosmop. - S. Wet places. 160-850 m

Veronica arvensis L. - T scap - Subcosmop. - C. Grasslands, scrublands, fallow land, roadsides, ruderal. 164-1330 m
First report: Veri & Bruno 1974

Veronica beccabunga L. - H rept - Euras. - R. Streams, springs. 163-600 m

Veronica cymbalaria Bodard - T scap - Euri-Medit. - C. Grasslands, fallow land, scrublands, rocks, ruderal, roadsides, woodlands. 164-1250 m

Veronica hederifolia L. - T scap - Euras. - R. Grasslands, woodlands, fallow land. 400-1060 m

Veronica officinalis L. - H rept - Euras. - S. Woodlands, wet places, scrublands. 500-1280 m

First report: Moris 1837-1859

Specimen seen: Limbara: fonte sulla strada per Oschiri. 15-VI-95, *F. Valsecchi & Villa* (SS)

Veronica persica L. - T scap - Subcosmop. - A/NAT - C. Grasslands, fallow land, ruderal, roadsides, woodlands. 165-1250 m

Veronica verna L. subsp. *brevistyla* (Moris) Rouy - T scap - Endem. Sa Co - R. Sandy soils, garrigues. 950-1300 m

First report: Nicotra 1896

Acanthaceae

Acanthus mollis L. - H scap - W-Medit. - A/NAT - R. Roadsides, fallow land, ruderal. 200-1200 m

Solanales

Convolvulaceae

Convolvulus althaeoides L. - H scand - Steno-Medit. - RR. Roadsides, scarps, scrublands. 180-300 m

Convolvulus arvensis L. - G rhiz - Paleotemp. - C. Grasslands, fallow land, rocks, ruins, roadsides, scrublands. 164-1300 m

First report: Veri & Bruno 1974

Convolvulus cantabrica L. - H scap - Euri-Medit. - S. Scrublands, grasslands, scarps, open woodlands. 164-1060 m

Convolvulus sepium L. - H scand - Paleotemp. - R. Wet places. 164-550 m

Convolvulus siculus L. subsp. *siculus* - T scap - S-Medit. - R. Woodlands, scarps, scrublands. 250-600 m

Cuscuta approximata Bab. - T par - Paleosubtrop. - R. Garrigues, grasslands, on several herbaceous taxa. 250-900 m

Cuscuta cesattiana Bertol. - T par - N-Amer.(?) - A/NAT(?) - R. Fallow land, wet places, grasslands. 400-500 m

Notes: the taxon has been found in two localities, where it parasitizes mainly *Persicaria* spp., *Polygonum* spp., *Chenopodium album*, *Pulicaria dysenterica*.

Cuscuta epithimum (L.) L. subsp. *corsicana* (Yunck.) Lambinon - T par - Endem. Sa Co - R. Garrigues, on *Genista corsica*, *Thymus herba-barona*, *Stachys glutinosa*. 1100-1250 m

Cuscuta epithimum (L.) L. subsp. *kotschyi* (Des Moul.) Arcang. - T par - Steno-Medit. - RR. On various herbaceous taxa. 165-200 m

Cuscuta planiflora Ten. - T par - Euri-Medit. - R. On various herbaceous taxa. 164-500 m

Ipomoea indica (Burm.) Merr. - G rhiz - Neotrop. - P/CAS - R. Hedges, roadsides, ruderal. 200-300 m

Solanaceae

Atropa belladonna L. - H scap - Medit. Mont. - RR - Holm oak woodlands, streams. 600-650 m

Datura innoxia Mill. - T scap - C-Amer. - A/NAT - R. Fallow land, ruderal, roadsides. 200-500 m

Datura stramonium L. - T scap - Cosmop. - A/NAT - R. Roadsides, wet places, fallow land. 170-500 m

Lycium europaeum L. - NP - Euri-Medit. - P/CAS - RR. Hedges, ruderal, roadsides. 250-350 m

Solanum dulcamara L. - NP - Paleotemp. - R. Wet places, scrublands, ruderal. 164-1040 m

Solanum nigrum L. - T scap - Cosmop. - C. Ruderal, grasslands, roadsides, fallow land, woodlands. 164-1300 m
First report: Veri & Bruno 1974

Solanum villosum Mill. - T scap - Euri-Medit. - R. Roadsides, vineyards, fallow land. 200-500 m

Aquifoliales

Aquifoliaceae

Ilex aquifolium L. - P scap - Subatl. - S. Woodlands, streams, rocks, springs, scrublands. 170-1355 m

First report: Desole 1966

Apiales

Araliaceae

Fatsia japonica (Thunb.) Decne. & Planch. - P caesp - E-As. - A/CAS - RR. In a stream. 490-500 m

Notes: it is the first report of this taxon in Sardinia.

Hedera helix L. - P lian - Subatl. - C. Woodlands, rocks, ruderal, walls, scrublands. 165-1300 m

First report: Veri & Bruno 1974

Apiaceae

Ammi majus L. - T scap - Euri-Medit. - RR. Roadsides, fallow land, grasslands. 200-250 m

Ammoides pusilla (Brot.) Breistr. - T scap - Steno-Medit. - R. Grasslands, pastures, scrublands, open woodlands, ruderal. 250-400 m

Anthriscus caucalis M. Bieb. - T scap - Paleotemp. - S. Grasslands, scrublands, rocks, woodlands, wet places, ruderal. 700-1100 m

First report: Calvia & Urbani 2007

Bunium corydalinum DC. - G bulb - Endem. Sa Co - C. Garrigues, sandy soils, rocks, scrublands, woodlands, reforestations. 620-1350 m

First report: Moris 1837-1859

Chaerophyllum nodosum (L.) Crantz - T scap - Steno-Medit. - R. Woodlands, scarps. 400-600 m

Chaerophyllum temulum L. - H bienn - Euras. - R. Woodlands, roadsides. 450-550 m

Conium maculatum L. - H scap - Paleotemp. - R. Wet places, fallow land, scrublands. 165-550 m

Daucus carota L. subsp. *carota* - H bienn - Paleotemp. - C. Grasslands, roadsides, ruderal, fallow land, woodlands, garrigues, scrublands, rocks. 165-1330 m

First report: Veri & Bruno 1974

Daucus carota L. subsp. *maximus* (Desf.) Ball - H bienn - Paleotemp. - S. Grasslands, pastures, roadsides, fallow land. 165-1330 m

Eryngium campestre L. - H scap - Euri-Medit. - C. Grasslands, pastures, scrublands, roadsides, scarps. 165-1000 m

First report: Veri & Bruno 1974

Eryngium pusillum L. - H bienn - Steno-Medit. - R. Wet meadows, lakes, ponds. 160-180 m

Eryngium tricuspdatum L. - H scap - SW-Medit. - S. Scrublands, open woodlands, grasslands. 165-800 m

- Ferula communis* L. - H scap - Steno-Medit. - C. Grasslands, pastures, garrigues, rocks, scrublands. 165-1050 m
First report: Veri & Bruno 1974
- Foeniculum vulgare* Mill. subsp. *pipéritum* (Ucria) Bég. - H scap - Euri-Medit. - C. Grasslands, ruderal, fallow land, roadsides, scarps. 165-1335 m
- Helosciadium crassipes* W. D. J. Koch ex Rchb. f. - I rad - Steno-Medit - R. Ponds, wet meadows. 164-750 m
- Helosciadium nodiflorum* (L.) W. D. J. Koch - H scap - Euri-Medit - S. Wet places. 164-950 m
First report: Veri & Bruno 1974
- Magydaris pastinacea* (Lam.) Paol. - H scap - W-Medit. - R. Open woodlands, scrublands, roadsides. 170-1050 m
- Oenanthe crocata* L. - H scap - Subatl. - C. Streams, springs, wet woodlands. 164-1050 m
- Oenanthe fistulosa* L. - H scap - Euras. - R. Wet meadows, ponds, lakes, springs. 450-780 m
- Oenanthe globulosa* L. - H scap - W-Medit. - R. Wet meadows, ponds. 164-500 m
- Oenanthe lisae* Moris - H scap - Endem. Sa - R. Wet meadows, ponds. 500-780(1050) m
First report: Veri & Bruno 1974
Notes: on Limbara, the taxon was known from several localities (Veri & Bruno 1974, Corrias 1977). Major hydraulic-forestry activities, in recent decades, led to many wetlands being drained, resulting in the almost complete disappearance of this taxon, which today survives in just a few small areas.
- Oenanthe pimpinelloides* L. - H scap - Medit-Atl. - S. Woodlands, wet places. 165-1050 m
First report: Veri & Bruno 1974
- Oenanthe silaifolia* M. Bieb. - H scap - Medit-Atl. - S. Wet meadows, ponds, springs. 164-800 m
- Pimpinella peregrina* L. - H bienn - Euri-Medit. - R. Woodlands, scarps, grasslands, scrublands. 165-300 m
- Sanicula europea* L. - H scap - Paleotemp. - S. Woodlands, streams, springs, shady rocks. 450-1300 m
First report: Veri & Bruno 1974
- Scandix pecten-veneris* L. - T scap - Euri-Medit. - S. Grasslands, fallow land, scrublands. 164-650 m
- Sison amomum* L. - H bienn - Subatl. - RR. Reforestations, clearings. 1050-1070 m
- Smyrniolum olusatrum* L. - H bienn - Medit-Atl. - C. Scrublands, woodlands, fallow land, streams, scarps, ruderal. 165-600 m
- Smyrniolum perfoliatum* L. subsp. *rotundifolium* (Mill.) Bennier & Layens - H bienn - Steno-Medit. - C. Grasslands, scrublands, roadsides, fallow land. 165-1220 m
First report: Veri & Bruno 1974
- Thapsia garganica* L. - H scap - Steno-Medit. - S. Pastures, grasslands, scrublands. 165-1130 m
- Thapsia meoides* (Desf.) Guss. - H scap - Steno-Medit. - R. Scrublands, scarps, roadsides. 170-350 m
- Tordylium apulum* L. - T scap - Steno-Medit. - C. Grasslands, scrublands, woodlands, scarps. 165-650 m
- Tordylium maximum* L. - T scap - Euri-Medit. - S. Scrublands, grasslands, clearings, roadsides. 165-980 m
- Torilis africana* Spreng. - T scap - Subcosmop. - R. Clearings, scrublands, grasslands. 400-650 m
- Torilis arvensis* (Huds.) Link - T scap - Subcosmop. - S. Woodlands, scrublands, roadsides. 165-950 m
- Torilis nodosa* (L.) Gaertner - T scap - Medit-Turan. - S. Scrublands, woodlands, scarps. 165-750 m

Dipsacales

Viburnaceae

Sambucus nigra L. - P caesp - Euro-Cauc. - S. Rocks, streams, scrublands, hedges. 200-1340 m
First report: Veri & Bruno 1974

Viburnum tinus L. - P caesp - Steno-Medit. - S. Woodlands, scrublands, streams. 165-900 m

Caprifoliaceae

Lonicera implexa Aiton - P lian - Steno-Medit. - C. Scrublands, woodlands, hedges. 165-900 m
First report: Veri & Bruno 1974

Valerianaceae

Centranthus calcitrapae (L.) Dufur. - T scap - Steno-Medit. - S. Garrigues, grasslands, scrublands, rocks. 164-950 m

Centranthus ruber (L.) DC. - Ch suffr - Steno-Medit. - A/CAS - RR. Ruderal. 300-870 m

Valerianella carinata Loisel. - T scap - Euri-Medit. - R. Grasslands, scrublands, roadsides. 500-1300 m

Valerianella dentata (L.) Pollich - T scap - Subatl. - R. Woodlands, scarps, scrublands. 300-550 m

Valerianella eriocarpa Desv. - T scap - Steno-Medit. - S. Grasslands, scrublands, roadsides. 165-650 m

Valerianella locusta (L.) Laterr. - T scap - Euri-Medit. - S. Grasslands, rocks, scrublands, garrigues, woodlands. 800-1300 m
First report: Terracciano 1914

Valerianella microcarpa Loisel. - T scap - Steno-Medit. - C. Grasslands, woodlands, scarps, garrigues, roadsides. 165-1330 m

Dipsacaceae

Dipsacus ferox Loisel - H bienn - Endem. Sa Co It - S. Wet places, grasslands, woodlands, scrublands. 164-1220 m

Knautia integrifolia (L.) Bertol. - T scap - Euri-Medit. - RR. Clearings, wet meadows, roadsides. 350-500 m

Sixalix atropurpurea (L.) Greuter & Burdet subsp. ***grandiflora*** (Scop.) Soldano & F. Conti - H scap - Steno-Medit. - S. Roadsides, grasslands, fallow land, scarps, scrublands. 170-1080 m

Asterales

Campanulaceae

Campanula erinus L. - T scap - Steno-Medit. - R. Ruderal, walls, fallow land, scarps. 180-870 m

Jasione montana L. - H bienn - Euro-Cauc. - C. Grasslands, garrigues, rocks, sandy soils, scrublands. 165-1330 m
First report: Cavara 1908

Legousia falcata (Ten.) Janch. subsp. ***castellana*** (Lange) Jauzein - T scap - W-Medit. - S. Woodlands, scrublands, scarps. 165-900 m

Legousia falcata (Ten.) Janch. subsp. ***falcata*** - T scap - Steno-Medit. - R. Woodlands, scarps, scrublands. 250-500 m
Notes: we found this taxon in only a restricted area of the southern side of the mountain.

Legousia hybrida (L.) Delarbre - T scap - Medit-Atl. - R. Grasslands, roadsides. 200-615 m

Solenopsis corsica (Meikle) B. Crespo, Serra & Juan - H ros - Endem. Sa Co - S. Rocks of streams, springs. 350-1000 m
First report: Nicotra 1896 sub *Laurentia tenella* (Bivona) DC.

Solenopsis laurentia (L.) C. Presl. - T scap - Steno-Medit. - C. Wet places. 200-1300 m
First report: Terracciano 1914

Asteraceae

Achillea ligustica All. - H scap - W-Medit. - C. Garrigues, grasslands, scrublands, woodlands. 165-1320 m
First report: Veri & Bruno 1974

Anacyclus clavatus (Desf.) Pers. - T scap - Steno-Medit. - R. Grasslands, fallow land. 200-1060 m

Andryala integrifolia L. - T scap - W-Medit. - C. Grasslands, scrublands, woodlands. 165-1350 m
First report: Veri & Bruno 1974

Anthemis arvensis L. subsp. *arvensis* - T scap - Steno-Medit. - C. Grasslands, fallow land, roadsides. 250-1300 m
First report: Negodi 1931

Anthemis arvensis L. subsp. *incrassata* (Loisel) Nyman - T scap - Steno-Medit. - R. Grasslands, garrigues, scarps, roadsides. 1000-1100 m
First report: Veri & Bruno 1974

Arctium minus (Hill.) Bernh. - H bienn - Europ. - R. Wet places, scarps, clearings, fallow land. 300-780 m

Artemisia arborescens (Vaill.) L. - NP - Steno-Medit. - S. Scrublands, scarps, ruderal, fallow land, roadsides. 170-575 m

Artemisia verlotiorum Lamotte - H scap - E-As. - A/NAT - S. Roadsides, fallow land, wet places, scrublands, ruderal, clearings. 200-1215 m

Bellis annua L. subsp. *annua* - T scap - Medit-Macaron. - S. Wet meadows, clearings. 164-1050 m

Bellis perennis L. - H ros - Euro-Cauc. - C. Scrublands, woodlands, grasslands. 164-1300 m
First report: Negodi 1931

Bellis sylvestris Cirillo - H ros - Steno-Medit. - C. Woodlands, scrublands, grasslands. 165-850 m

Bellium bellidioides L. - H ros - Subendem. Sa Co Bl - C. Wet places, rocks, garrigues, grasslands, woodlands, scrublands. 170-1350 m
First report: Barbey 1884

Bidens frondosa L. - T scap - N-Amer. - A/NAT - R. Shores of lake Coghinas. 165-170 m

Bidens tripartita L. - T scap - Euras. - R. Grasslands, wet places, fallow land. 450-500 m

Calendula arvensis (Vaill.) L. - T scap - Euri-Medit. - C. Grasslands, fallow land, scrublands. 164-1230 m

Carduus cephalanthus Viv. - H bienn - Subendem. Sa Co Si Ag - S. Rocks, garrigues, clearings. 450-1350 m
First report: Barbey 1884

Carduus nutans L. subsp. *scabrisquamus* Arènes - H bienn - Steno-Medit. - R. Grasslands, scrublands, scarps, roadsides. 450-1205 m

Carduus pycnocephalus L. - H bienn - Medit-Turan. - C. Grasslands, fallow land, roadsides, scrublands, woodlands. 165-1210 m

Carduus sardous DC. - H bienn - Endem. Sa Co AT - R. Rocks, grasslands, garrigues. 700-1020 m

Carduus tenuiflorus Curtis - H bienn - W-Europ. - RR. Grasslands, scarps, roadsides. 250-300 m
First report: Veri & Bruno 1974

Carlina corymbosa L. - H scap - Euri-Medit. - C. Garrigues, grasslands, clearings, scarps, rocks. 164-1340 m
First report: Arrigoni 2015a

Carlina gummifera (L.) Less. - H ros - Steno-Medit. - C. Grasslands, garrigues, scrublands, roadsides, open woodlands. 164-1000 m

Carlina lanata L. - T scap - Steno-Medit. - R. Grasslands, pastures, roadsides. 500-1050 m

Carlina macrocephala Moris - H bienn - Endem. Sa Co - RR. Garrigues, roadsides. 1250-1300 m
First report: Barbey 1884

Specimen seen: Arrondissement de Tempio. Monte Limbaro, lieux arides, 25-7-1882, *Reverchon* (FI)

Carlina racemosa L. - T scap - SW-Medit. - R. Grasslands, pastures. 164-600 m

Carthamus caeruleus L. - H scap - Steno-Medit. - R. Grasslands, pastures, clearings. 400-500 m

Carthamus lanatus L. - T scap - Euri-Medit. - C. Grasslands, pastures, scrublands. 165-850 m

Centaurea calcitrapa L. - H bienn - Euri-Medit. - S. Grasslands, pastures, fallow land. 164-850 m

Centaurea decipiens Thuill. - H scap - W-Europ. - A/NAT - RR. Roadsides, woodlands. 450-500 m

Centaurea napifolia L. - T scap - SW-Medit. - S. Grasslands, fallow land, wet places. 165-1040 m

Chamaemelum fuscatum (Brot.) Vasc. - T scap - W-Medit. - S. Grasslands, clearings, wet places. 164-1050 m

First report: Negodi 1931

Chondrilla juncea L. - H scap - Eurosib. - C. Grasslands, fallow land, ruderal, roadsides, scarps, scrublands, rocks. 165-1350 m

First report: Veri & Bruno 1974

Cichorium intybus L. - H scap - Cosmop. - C. Grasslands, fallow land, roadsides, garrigues. 165-1330 m

First report: Veri & Bruno 1974

Cirsium arvense (L.) Scop. - G rad - Euras. - RR. Grasslands, fallow land. 1300-1310 m

Cirsium italicum DC. - H bienn - SE-Europ. - R. Grasslands, roadsides, scarps. 650-800 m

Cirsium scabrum (Poir.) Bonnet. & Barrette - H scap - SW-Medit. - R. Scrublands, grasslands, clearings. 400-830 m

Cirsium vulgare (Savi) Ten. subsp. *silvaticum* (Tausch) Arènes - H bienn - Subcosmop. - RR. Grasslands, garrigues, ruderal places. 1300-1340 m

Cirsium vulgare (Savi) Ten. subsp. *vulgare* - H bienn - Subcosmop. - S. Grasslands, pastures, fallow land, ruderal. 165-1080 m

Cladanthus mixtus (L.) Chevall. - T scap - Steno-Medit. - R. Wet places, roadsides, scrublands. 164-1080 m

First report: Veri & Bruno 1974

Coleostephus myconis (L.) Cass. ex Rchb.f. - T scap - Steno-Medit. - C. Grasslands, wet meadows, streams, lakes, ponds, garrigues. 164-1330 m

First report: Veri & Bruno 1974

Cota tinctoria (L.) J. Gay subsp. *australis* (R. Fern.) Oberpr. & Greuter - Ch suffr - Europ. Pont. - A/NAT - R. Garrigues, roadsides, clearings, fallow land. 1000-1350 m

First report: Atzei 1996

Crepis bellidifolia Loisel - T scap - W-Medit - S. Grasslands, rocks, scrublands. 900-1320 m

First report: Veri & Bruno 1974

Notes: Arrigoni (2015a) reports to Limbara *C. caespitosa* (Moris) Gren. & Godr., considered by himself endemic of Sardinia and Corsica. However, Bartolucci & al. (2018a) considered that a synonym of this taxon.

Crepis foetida L. - T scap - Euri-Medit. - R. Grasslands, garrigues, scrubland, roadsides. 200-1340 m

First report: Veri & Bruno 1974

Crepis leontodontoides All. - H ros - W-Medit. - S. Woodlands, scarps. 300-1100 m

Crepis sancta (L.) Bornm. - T scap - SE-Europ. - S. Grasslands, scrublands, garrigues. 165-1000 m

Crepis vesicaria L. subsp. *taraxacifolia* (Thuill.) Tell. - T scap - Subatl. - S. Grasslands, fallow land, scrublands, roadsides. 165-800 m

Crepis vesicaria L. subsp. *vesicaria* - T scap - Subatl. - R. Grasslands, fallow land, roadsides. 400-500 m
Notes: we found this taxon in a restricted area of the north-western side, while the previous is more widespread.

Crupina crupinastrum (Moris) Vis. - T scap - Steno-Medit. - C. Grasslands, scrublands, garrigues, rocks, woodlands. 165-1200 m

Cynara cardunculus L. - H scap - Steno-Medit. - S. Pastures, grasslands, scrublands. 165-550 m

Delairea odorata Otto ex Walp. - Ch frut - S-Afr. - A/NAT - RR. Scrublands, woodlands. 200-220 m

Dittrichia graveolens (L.) Greuter - T scap - Medit-Turan. - C. Grasslands, roadsides, fallow land. 164-1250 m

Dittrichia viscosa (L.) Greuter - H scap - Euri-Medit. - C. Grasslands, roadsides, fallow land, scrublands, scarps, ruderal, garrigues. 164-1300 m
First report: Veri & Bruno 1974

Erigeron bonariensis L. - T scap - S-Amer. - A/INV - C. Grasslands, fallow land, ruderal, industrial areas, roadsides, garrigues, clearings. 164-1300 m

Erigeron canadensis L. - T scap - N-Amer. - A/NAT - R. Roadsides, wet places, ruderal. 164-900 m
First report: Veri & Bruno 1974

Erigeron karvinskianus DC. - H scap - N.Amer. - P/CAS - R. Walls, fallow land, roadsides. 500-600 m
Notes: this is the first report of the taxon in Sardinia.

Erigeron sumatrensis Retz. - T scap - S-Amer. - A/INV - C. Grasslands, fallow land, ruderal, roadsides, industrial areas. 164-850 m

Eupatorium cannabinum L. - H scap - Paleotemp. - S. Springs, streams, wet woodlands. 165-1265 m

Filago asterisciflora (Lam.) Sweet - T scap - Steno-Medit. - RR. Grasslands, garrigues. 700-800 m

Filago eriocephala Guss. - T scap - Steno-Medit - RR. Grasslands, sandy soils. 450-500 m

Filago germanica (L.) Huds. - T scap - Paleotemp. - RR. Sandy soils, grasslands. 900-960 m

Filago pygmaea L. - T scap - Steno-Medit. - R. Grasslands, garrigues, roadsides, sandy soils. 350-800 m

Filago pyramidata L. - T scap - Euri-Medit. - S. Scrublands, grasslands, sandy soils, roadsides. 165-1300 m

Galactites tomentosum Moench - H bienn - Steno-Medit. - C. Grasslands, fallow land, garrigues, scrublands, roadsides. 165-1050 m
First report: Veri & Bruno 1974

Glebionis coronarium (L.) Spach. - T scap - Steno-Medit. - S. Grasslands, fallow land, roadsides, ruderal, scrublands. 165-900 m

Glebionis segetum (L.) Fourr. - T scap - Medit-Turan. - S. Fallow land, grasslands, roadsides. 165-1250 m
First report: Negodi 1931

Gnaphalium uliginosum L. - T scap - Eurosib. - R. Wet places, roadsides. 160-1330 m
First report: Calvia & Urbani 2012a

Hedypnois rhagadioloides (L.) F. W. Schmidt - T scap - Steno-Medit. - S. Grasslands, clearings, scrublands. 165-1300 m

Helichrysum italicum (Roth.) Guss. subsp. *italicum* - Ch suffr - S-Europ. - S. Garrigues, scarps, open woodlands. 250-900 m
First report: Veri & Bruno 1974

Notes: we found this taxon mainly on the southern and western sides of the mountain, while the following is widespread all over the area.

Helichrysum italicum (Roth.) Guss. subsp. *tyrrhenicum* (Bacch., Brullo & Giusso) Herrando, J. M. Blanco, L. Saez & Galbany - Ch suffr - Subendem. Sa Co Bl - C. Garrigues, scrublands, rocks, scarps, roadsides, grasslands. 165-1355 m
First report: Veri & Bruno 1974

Helichrysum luteoalbum (L.) Rchb. - T scap - Subcosmop. - R. Wet meadows, springs, lakes, rocks. 164-1335 m

Helminthotheca echioides (L.) Holub - T scap - Euri-Medit. - C. Grasslands, roadsides, fallow land, scrublands. 160-1300 m
First report: Veri & Bruno 1974

Hieracium bernardii Rouy subsp. *gallurensis* (Arrigoni) Greuter - H caesp - Endem. Sa - C. Woodlands, scrublands, rocks, scarps, wet places, grasslands, garrigues. 170-1350 m
First report: Arrigoni 1985

Hieracium mattioloanum Arv.-Touv. subsp. *martellianum* (Zhan) Greuter - H ros - Endem. Sa - S. Rocks. 1000-1350 m
First report: Arrigoni 1985

Hieracium racemosum Waldst. & Kit. ex Willd. subsp. *limbarae* (Arrigoni) Greuter - H scap - Endem. Sa - R. Woodlands, reforestations, roadsides, wet places, rocks. 600-1300 m
First report: Arrigoni 1985

Hieracium schmidtii Tausch. subsp. *brunelliforme* (Arv.-Touv.) O. Bolòs & Vigo - H ros - Europ. - S. Rocks, pinewoods, scrublands, grasslands. 900-1320 m
First report: Nicotra 1896

Hyoseris radiata L. - H ros - Steno-Medit. - C. Grasslands, fallow land, ruderal, rocks, scrublands, roadsides, walls. 165-1345 m
First report: Veri & Bruno 1974

Hypochaeris achyrophorus L. - T scap - Steno-Medit. - C. Grasslands, scrublands, rocks, sandy soils. 164-1330 m
First report: Cavara 1908

Hypochaeris cretensis (L.) Bory & Chaub. - H scap - NE-Medit. - S. Rocks, garrigues, scrublands. 350-1333 m
First report: Moris 1837-1859

Hypochaeris glabra L. - T scap - Euri-Medit. - C. Grasslands, garrigues, scrublands. 165-1340 m

Hypochaeris laevigata (L.) Ces., Pass. & Gibelli - H ros - SW-Medit. - R. Fallow land, grasslands, clearings. 200-1050 m

Hypochaeris radicata L. - H ros - Euro-Cauc. - C. Grasslands, fallow land, roadsides. 165-1300 m

Inula conyzae (Griess.) DC. - H bienn - Euras. - R. Woodlands, clearings, scarps, roadsides. 550-1160 m

Jacobaea erratica (Bertol.) Fourr. - H bienn - C-Europ. - RR. Wet meadows. 163-250 m
Notes: several wetlands where the taxon once grew have been recently dried up to be replaced by vineyards.

Lactuca saligna L. - T scap - Medit-Turan. - R. Grasslands, clearings, wet places, roadsides. 164-850 m

Lactuca sativa L. subsp. *serriola* (L.) Galasso, Banfi, Bartolucci & Ardenghi - H bienn - Eurosib. - C. Grasslands, fallow land, roadsides, ruderal. 165-980 m
First report: Veri & Bruno 1974

Lactuca virosa L. - H bienn - Medit-Atl. - S. Garrigues, scrublands, grasslands, clearings, roadsides. 200-1350 m
First report: Veri & Bruno 1974

Lapsana communis L. - T scap - Paleotemp. - S. Woodlands, clearings. 200-900 m

- Leontodon tuberosus*** L. - H ros - Steno-Medit. - C. Grasslands, scrublands, woodlands, rocks. 164-1350 m
First report: Veri & Bruno 1974
- Leucanthemum* sp. (cultivar) - H scap - ? - P/CAS - RR. Fallow land, clearings. 1050-1060 m
Notes: it has been planted as an ornamental plant in the garden of a hotel, in the locality Vallicciola, from where it is escaped to cultivation, spreading in the neighbouring area.
- Logfia gallica*** (L.) Cosson & Germ. - T scap - Euri-Medit. - C. Grasslands, garrigues, scrublands, rocks, roadsides. 165-1350 m
First report: Terracciano 1914
- Logfia heterantha*** (Raf.) J. Holub - T scap - SW-Medit. - R. Garrigues, sandy soils, stony places. 1200-1330 m
First report: Terracciano 1909
Specimen seen: Monte Limbara, prati e rocce fra Madonna della Neve, P. Balistreri e Fontana Nicomede, sub *Filago arvensis* L., 24-VI-1907. *Sine coll.* (SASSA). Det. A.D. Atzei. 30-VIII-1976
- Logfia minima*** (Sm.) Dumort. - T scap - Eurosib. - C. Garrigues, sandy soils, rocks. 300-1340 m
First report: Nicotra 1896
- Matricaria chamomilla*** L. - T scap - Subcosmop. - R. Grasslands, wet meadows, fallow land. 200-550 m
- Mycelis muralis*** (L.) Dumort. - H scap - Euro-Cauc. - S. Woodlands, scrublands, rocks. 250-1280 m
First report: Veri & Bruno 1974
- Onopordum illyricum*** L. - H bienn - Steno-Medit. - S. Grasslands, pastures, fallow land. 165-1210 m
- Pallenis spinosa*** (L.) Cass. - T scap - Euri-Medit. - R. Grasslands, scrublands, scarps, clearings. 200-781 m
- Petasites pyrenaicus*** (L.) G. López - G rhiz - C-Medit. - RR. Walls, roadsides, scarps. 500-600 m
- Phagnalon saxatile*** (L.) Cass. - Ch suffr - W-Medit. - C. Rocks, scarps, scrublands. 165-700 m
- Picris hieracioides*** L. subsp. *hieracioides* - H scap - Eurosib. - R. Fallow land, roadsides, grasslands. 400-850 m
First report: Veri & Bruno 1974
- Pilosella officinarum*** Vaill. - H ros - Euro-Cauc. - A/CAS - RR. Clearings, scrublands, paths. 1030-1040 m
Notes: this is the first report of the taxon in Sardinia.
- Pilosella ziziana*** (Tausch) F. W. Schultz & Sch. - H scap - CE-Europ. - C. Garrigues, scrublands, clearings, open woodlands, rocks. 200-1330 m
First report: Arrigoni 1985
- Ptilostemon casabonae*** (L.) Greuter - H bienn - Subendem. Sa Co AT Hy - C. Scrublands, garrigues, rocks, woodlands, scarps, grasslands. 200-1300 m
First report: Barbey 1884
- Pulicaria dysenterica*** (L.) Bernh. - H scap - Euri-Medit. - S. Wet places, scrublands, hedges. 400-1290 m
- Pulicaria odora*** (L.) Rchb. - H scap - Euri-Medit. - C. Garrigues, scrublands, woodlands, grasslands. 165-1300 m
First report: Veri & Bruno 1974
- Pulicaria sicula*** (L.) Moris - T scap - Steno-Medit. - R. Wet meadows, lakes, ponds. 160-1050 m
- Pulicaria vulgaris*** Gaertn. - H scap - Paleotemp. - R. Wet meadows, lakes, sandy soils. 160-170 m
- Reichardia picroides*** (L.) Roth - H scap - Euri-Medit. - C. Scrublands, grasslands, rocks, fallow land. 164-1330 m
First report: Veri & Bruno 1974
- Rhagadiolus edulis*** Gaertn. - T scap - Euri-Medit. - S. Woodlands, scrublands, grasslands. 165-1050 m

Robertia taraxacoides (Loisel.) DC. - H ros - Subendem. Sa Co Si It Ag - C. Rocks, scarps, garrigues. 650-1355 m
First report: Barbey 1884

Scolymus hispanicus L. - H bienn - Euri-Medit. - C. Grasslands, pastures, scrublands. 165-1050 m

Scorzonera callosa Moris - H scap - Endem. Sa - C. Garrigues, scrublands, rocks, scarps, clearings, grasslands, sandy soils. 450-1310 m
First report: Moris 1837-59

Senecio angulatus L. f. - Ch frut - S-Afr. - P/CAS - R. Ruderal, hedges. 300-350 m

Senecio inaequidens DC. - Ch suffr - S-Afr. - A/NAT - S. Roadsides, ruderal, scarps, garrigues, scrublands, clearings. 200-1320 m
First report: Bocchieri 1990

Senecio leucanthemifolius Poir. - T scap - Steno-Medit. - RRR. Roadsides. 200-300 m

Senecio lividus L. - T scap - Steno-Medit. - C. Scrublands, woodlands, rocks, grasslands. 164-1350 m
First report: Negodi 1931

Senecio vulgaris L. - T scap - Cosmop. - C. Grasslands, fallow land, ruderal, rocks. 164-1330 m
First report: Veri & Bruno 1974

Silybum marianum (L.) Gaertn. - H bienn - Medit-Turan. - C. Pastures, grasslands, fallow land. 165-850 m

Solidago virgaurea L. subsp. *virgaurea* - H scap - Circumbor. - S. Rocks, garrigues, scrublands, clearings. 800-1355 m
First report: Veri & Bruno 1974

Sonchus asper (L.) Hill - T scap - Euras. - S. Grasslands, fallow land, scrublands, roadsides. 165-1250 m
First report: Veri & Bruno 1974

Sonchus bulbosus (L.) N. Kilian & Greuter - G bulb - Steno-Medit. - S. Grasslands, wet places, woodlands, fallow land, scarps. 164-900 m

Sonchus oleraceus L. - T scap - Subcosmop. - C. Grasslands, fallow land, scrublands, rocks. 160-1340 m

Sonchus tenerrimus L. - T scap - Steno-Medit. - S. Fallow land, grasslands, roadsides. 165-850 m

Symphyotrichum squamatus (Spreng.) G. L. Nesom - T scap - S-Amer. - A/NAT - C. Fallow land, wet places, roadsides, grasslands, scrublands, rocks. 160-990 m

Tanacetum parthenium (L.) Sch. Bip. - H scap - Caucas. - P/CAS - RR. Roadsides, clearings, ruderal. 690-710 m
Notes: the taxon has escaped from cultivation in the village Balascia (western side of the mountain), where it is known from at least 20 years.

Taraxacum caramanicae Lojac. - H ros - Endem. Sa Si - R. Grasslands. 400-500 m

Taraxacum erythrospermum Andrz. ex Besser - H ros - Paleotemp. - S. Grasslands, roadsides, clearings. 230-1250 m

Taraxacum minimum (Briganti ex Guss.) N. Terracc. - H ros - W-Medit. - S. Grasslands, woodlands, fallow land, scrublands, roadsides. 165-1060 m

Taraxacum montesignum Soest - H ros - W-Medit. - R. Grasslands, clearings, fallow land, roadsides. 400-1300 m
First report: Arrigoni 2007

Taraxacum sardomontanum Arrigoni - H ros - Endem. Sa - RR. Clearings, garrigues. 950-1010 m

Taraxacum sect. ***Taraxacum*** - H ros - Circumbor. - R. Ruderal, fallow land, roadsides, grasslands. 200-600 m
First report: Veri & Bruno 1974 sub *Leontodon taraxacum* L.
Notes: we have found at least two probable taxa belonging to this section. In the absence of specific dichotomic keys, we prefer to report them as part of the aggregate.

Tolpis umbellata Bertol. - T scap - Steno-Medit. - C. Scrublands, grasslands, roadsides, scarps. 165-1100 m
First report: Veri & Bruno 1974

Tolpis virgata (Desf.) Bertol. subsp. ***virgata*** - H scap - Steno-Medit. - C. Scrublands, roadsides, grasslands, woodlands. 165-1000 m
First report: Cavara 1908

Tragopogon porrifolius L. - H bienn - Euri-Medit. - S. Grasslands, roadsides, fallow land, garrigues. 170-1340 m

Tussilago farfara L. - G rhiz - Paleotemp. - RR. Wet places, roadsides. 980-1300 m

Urospermum dalechampi (L.) F. W. Schmidt - H scap - Euri-Medit. - C. Grasslands, scarps, scrublands, rocks, fallow land. 164-1330 m
First report: Veri & Bruno 1974

Urospermum picroides (L.) F. W. Schmidt - T scap - Euri-Medit. - S. Scrublands, grasslands, scarps. 170-1050 m
First report: Veri & Bruno 1974

Xanthium spinosum L. - T scap - S-Amer. - A/NAT - S. Fallow land, pastures, ruderal, vineyards, roadsides. 164-800 m

Xanthium strumarium L. - T scap - Euras. - R. Shores of Lake Coghinas, wet places. 160-200 m

Appendix 2: **Taxa to be excluded**

Asplenium adiantum-nigrum L. - H ros - Subcosmop.

First report: Negodi 1931

Notes: the taxon is absent in Sardinia (Arrigoni 2006, Pignatti 2017-2019, Bartolucci & al. 2018a), although recently reported at Foresta Anela (Farris & al. 2018). It was confused with *A. onopteris*.

Dryopteris borreeri (Newman) Newman ex Oberh. & Tavel. - G rhiz - Subatl.

First report: Joncheere 1963

Notes: the taxon is absent in Sardinia (Pignatti 2017-2019, Bartolucci & al. 2018a). It had been confused with *D. oreades*.

Polystichum aculeatum (L.) Roth - G rhiz/H ros - Euri-Medit.

First report: Veri & Bruno 1974

Notes: it had been confused with *P. setiferum*.

Colchicum alpinum DC. subsp. ***parvulum*** (Ten.) Arcang. - G bulb - NW-Medit.

First report: Terracciano 1910b

Notes: none of the *Colchicum* taxa has been found on Limbara during this research.

Gagea foliosa (C. Presl.) Schultes - G bulb - W-Medit.

First report: Terracciano 1914

Notes: this taxon had probably been confused with other taxa belonging to the genus *Gagea*.

Gagea villosa (M. Bieb.) Sweet - G bulb - Euras.

First report: Terracciano 1914

Notes: this taxon had probably been confused with other taxa belonging to the genus *Gagea*.

Ornithogalum umbellatum L. - G bulb - Euri-Medit.

First report: Veri & Bruno 1974

Notes: it is possible that the taxon was confused with *O. corsicum*.

Asphodelus cerasiferus Brot. - H scap - W-Medit.

First report: Arrigoni 2015a

Notes: the herbarium specimen collected by Reverchon in 1882 belongs to the same collection of plants doubtfully found by himself on Limbara, together with *Armeria leucocephala*, *Castroviejoa frigida*, *Phalaris rotgesii*. It is possible that he collected several specimens in Corsica, then mixed them with others actually collected soon after on the Limbara massif. It has never been found again on the mountain.

Crocus corsicus Vanucchi ex Maw - G bulb - Endem. (Sa) Co

First report: Giacomini 1972

Notes: all the abundantly spread flowering plants observed belong to *C. minimus*.

Anacamptis morio (L.) R. M. Bateman, Pridgeon & M. W. Chase - G rth - Euro-Cauc.

First report: Veri & Bruno 1974

Notes: it was confused with *A. longicornu*, which is frequent on the mountain.

Juncus subulatus Forssk. - G rhiz - S-Medit.

First report: Veri & Bruno 1974

Notes: it might be possible that they confused it with *J. subnodulosus*.

Luzula multiflora (Ehrh.) Lej. - H caesp - Circumbor.

First report: Terracciano 1914

Notes: it is not known from any specimen collected on the mountain.

Luzula spicata (L.) DC. - H caesp - Arct-Alp.

First report: Terracciano 1910b

Notes: it is not known from any specimen collected on the mountain.

Carex elata All. - H caesp - Euro-Cauc.

First report: Nicotra 1896

Notes: it is not known from any specimen collected on the mountain.

Carex nigra (L.) Reichard subsp. *intricata* (Tineo) Rivas Mart. - G rhiz - W-Medit.

First report: Terracciano 1909

Notes: it is not known from any specimen collected on the mountain.

Carex pendula Huds. - He - Euras.

First report: Terracciano 1914

Notes: it had been confused with *C. microcarpa* or *C. hispida*.

Carex riparia Curtis - He - Euras.

First report: Veri & Bruno 1974

Notes: it might have been confused with *C. panormitana*.

Carex spicata Huds. - H caesp - Euras.

First report: Terracciano 1914

Notes: it is not known from any specimen collected on the mountain.

Agrostis canina L. - H caesp - Eurosib.

First report: Veri & Bruno 1974

Notes: it could have been confused with *A. castellana*, which was not reported by the authors.

Brachypodium rupestre (Host) Roem. & Schult. - H caesp - Subatl.

First report: Arrigoni 2015b

Notes: this taxon is doubtfully present on Limbara. All the observed plants belong to *B. retusum*.

Festuca morisiana Parl. subsp. *morisiana* - H caesp - Endem. Sa

First report: Herzog 1909

Notes: it is not known from any specimen collected on the mountain.

Festuca ovina L. - H caesp - C-Europ.

First report: Veri & Bruno 1974

Notes: the taxon is absent in Sardinia (Arrigoni 2015b, Bartolucci & al. 2018a).

Phalaris rotgesii (Husnot) Baldini - G rhiz - Endem. (Sa?) Co

First report: Baldini 1993

Notes: the herbarium specimen collected by Reverchon in 1882 belongs to the same collection of plants doubtfully found by himself on Limbara, together with *Armeria leucocephala*, *Asphodelus cerasiferus*, *Castroviejoa frigida*. It is possible that he collected several specimens in Corsica, then he mixed them with others actually collected soon after on the Limbara massif. It has never been found again on the mountain.

Puccinellia fasciculata (Torrey) E. P. Bicknell subsp. ***pseudodistans*** (Crép.) Kerguelen - H caesp - Medit-Atl.
First report: Veri & Bruno 1974
Notes: it is not known from any specimen collected on the mountain.

Ranunculus millefoliatus Vahl. - H scap - Steno-Medit. Mont.
First report: Nicotra 1896
Notes: it was probably confused with *R. paludosus*.

Ranunculus platanifolius L. - H scap - Europ.
First report: Terracciano 1909
Notes: only the mentioned citation is known, since it has not been found anywhere in the study area.

Fumaria muralis Sonder subsp. ***boraei*** (Jord.) Pagsley - T scap - Europ-Atl.
First report: Terracciano 1914
Notes: according to Arrigoni (2006) and Pignatti (2017-2019), this taxon is absent in Sardinia.

Thesium humile Vahl. - T scap - Medit-Atl.
First report: Veri & Bruno 1974
Notes: this taxon is typical of coastal zones. It had been confused with *T. italicum*, as it can be also observable from several herbarium specimens deposited in SS and SASSA.

Sedum alpestre Vill. - Ch succ - S-Europ. Mont.
First report: Terracciano 1910b
Notes: in Sardinia, this taxon grows only on the Gennargentu massif.

Ribes sardoum Martelli - NP - Endem. Sa
First report: Terracciano 1909
Notes: the taxon had been confused with *R. sandalioticum*.

Saxifraga pedemontana All. subsp. ***cervicornis*** (Viv.) Engl. - Ch pulv - Endem. Sa Co
First report: Terracciano 1910b
Notes: it is not known any sample collected on the mountain.

Saxifraga rotundifolia L. - H scap - Euro-Cauc. Mont.
First report: Fiori 1923-1929
Notes: Arrigoni (2010b) did not include this taxon in the Sardinian flora.

Armeria leucocephala Salzm. & Koch - Ch suffr - Endem. Co
First report: Barbey 1884
Notes: this and other taxa (*Asphodelus cerasiferus*, *Castroviejoa frigida*, *Phalaris rotgesii*) would had been found only once on the Limbara massif, on July 1882, by Reverchon. We agree with the hypothesis proposed by Arrigoni (1970), according to whom Reverchon had collected some specimens in Corsica, then he mixed them with plants of *A. sardoa* actually collected on Limbara, by putting them all in a single sheet.

Armeria soleirolii Duby - Ch suffr - Endem. Co
First report: Cavara 1908
Notes: it had been confused with *A. sardoa*.

Rumex acetosa L. - H scap - Circumbor.
First report: Veri & Bruno 1974
Notes: it has been probably confused with other taxa of the genus, which grow in the same localities.

Atocion rupestre (L.) Oxelman - H bienn - Arct-Alp.
First report: Terracciano 1910b
Notes: it is not known from any specimen collected on the mountain.

Cerastium thomasii Ten. - Ch suffr - Endem. It
First report: Terracciano 1910b
Notes: it is not known from any specimen collected on the mountain.

Herniaria litardierei (Gamisans) Greuter & Burdet - Ch rept - Endem. Sa Co

First report: Arrigoni 2015b

Notes: Arrigoni reports a finding by himself on the eastern cliffs of P. Balistreri in June 1997. The specimen should be preserved in FI, but it was not possible to see it and the same author confirmed the only one he possesses comes from Gennargentu (*in litt.*). The cited area has been one of the most frequented by the authors during these years, but the taxon has not been found.

Sagina saginoides (L.) H. Karst. - H rept - Arct-Alp.

First report: Nicotra 1896

Notes: it has been confused with *S. alexandrae*.

Scleranthus annuus L. - T scap - Paleotemp.

First report: Nicotra 1896

Notes: the report of the taxon would be due to confusion with *S. polycarpus*.

Silene italica (L.) Pers. - H ros - Euri-Medit.

First report: Veri & Bruno 1974

Notes: it had been reported instead of *S. nodulosa*, which the two authors thought not to have found.

Silene pendula L. - T rept - NE-Medit. Mont.

First report: Negodi 1931

Notes: it is not known from any specimen collected on the mountain.

Silene viridiflora L. - H ros - Euras.

First report: Nicotra 1896

Notes: it is not known from any specimen collected on the mountain.

Hypericum maculatum Crantz - H scap - Euras.

First report: Veri & Bruno 1974

Notes: it was probably confused with *H. tetrapterum*.

Euphorbia biumbellata Poiret - Ch suffr - W-Medit. - R. Scrublands, roadsides, sands. 950-1050 m

First report: Ruggero 2004

Notes: the collected plants belong to a dwarfish form of *E. cupanii*, maybe a different ecotype conditioned by the climate of the mountain zone where they grow, and worthy of further study.

Euphorbia spinosa L. - Ch suffr - N-Medit.

First report: Ballero 1993

Notes: it is not known from any specimen collected on the mountain.

Trifolium dubium Sibth. - T scap - Euro-Caucas.

First report: Nicotra 1896

Notes: all the collected and observed plants belong to *T. micranthum*.

Quercus petraea (Matt.) Liebl. - P scap - Euras.

First report: Terracciano 1909

Notes: it had been confused with *Q. pubescens*.

Potentilla sterilis (L.) Garcke - H ros - Medit-Atl.

First report: Moris 1837-1859

Notes: the taxon had been confused with *P. micrantha*, which is common on the mountain.

Prunus prostrata Labill. - P caesp - Paleosubtrop.

First report: Camarda & Valsecchi 2008

Notes: Arrigoni (2010b) did not mention this taxon to Limbara. After much research, we exclude its presence from the mountain. Prostrate specimens of *P. spinosa* grow in rocky places and it might be possible that they misled the above-mentioned authors.

Lunaria rediviva L. - H scap - Europ.

First report: Nicotra 1896

Notes: the taxon is absent in Sardinia (Arrigoni 2010a).

Malcolmia orsiniana Ten. subsp. **angulifolia** (Boiss. & Orph.) Stork - H bienn - Anfiadr.

First report: Terracciano 1914

Notes: the taxon is absent in Sardinia (Bartolucci & al. 2018a).

Galium lucidum All. - H scap - Euri-Medit.

First report: Veri & Bruno 1974

Notes: in Sardinia, this taxon grows more frequently on calcareous outcrops. It is certainly known in Gallura from Tavolara (Olbia) and Capo Figari (Golfo Aranci) only.

Galium rubrum L. - H scap - Endem. It

First report: Moris 1837-1859

Notes: the author reported it instead of *G. corsicum*, that was not described when Moris found it yet.

Gentiana lutea L. - H scap - S-Europ.

First report: Spano 1958

Notes: its old presence on the mountain is doubtful, since it is not known any specimen collected on the area.

Fraxinus excelsior L. - P scap - Euro-Cauc.

First report: Veri & Bruno 1974

Notes: all the trees observed in the localities reported by the authors above, belong to *F. angustifolia*.

Lamium garganicum L. subsp. **corsicum** (Gren. & Godr.) Arcang. - H scap - Endem. Sa Co

First report: Veri & Bruno 1974

Notes: the authors confused it with *L. bifidum*.

Orobanche densiflora Salzm. - T par - SW-Medit.

First report: Nicotra 1896

Notes: it is absent in Sardinia (Pignatti 2017-2019).

Orobanche denudata Moris - T par - Endem. Sa

First report: Desole 1971

Notes: a herbarium sample, labelled "Prati e rocce tra Madonna della Neve, Punta Balestrieri e Fontana Nicomede. 25-V-1904, sotto *Calamintha*", *sine coll.*(!), is preserved in SASSA. It seems to be a mistaken attribution, being the plants collected there more probably belonging to *O. rigens*.

Orobanche variegata Wallr. - T par - W-Medit.

First report: Moris 1837-1859

Notes: it could have been confused with *O. rapum-genistae*, which is locally frequent on the mountain.

Plantago sarda C. Presl. - Ch pulv - Endem. Sa Co

First report: Terracciano 1910b

Notes: it is not known any specimen collected on the mountain.

Bupleurum fruticosum L. - NP - Steno-Medit.

First report: Camarda 2009

Notes: we did not find any single plant that could confirm its presence on Limbara, while the herbarium specimen mentioned by the author above, reporting "cime del Limbara" (*in verbis*), has not been found in SS. The taxon is actually present in several areas of Gallura: Monti di Lu Pinu, Rio Li Cossi, Costa Paradiso (Trinità d'Agultu); Sarra di Littu Petrosu, Monti Santu, Sarra di Monti Santu (Sant'Antonio di Gallura-Olbia), Monte Pino (Telti-Olbia), Monti di Pinu (Mamusi - Olbia).

Valeriana montana L. - H scap - Europ. Mont.

First report: Terracciano 1909

Notes: it is not known from any specimen collected on the mountain.

Knautia arvensis (L.) Coulter - H scap - Euras.

First report: Veri & Bruno 1974

Notes: the taxon has been probably confused with *Sixalix atropurpurea* or *Knautia integrifolia*.

Carlina vulgaris L. - H scap - C-Europ.

First report: Veri & Bruno 1974

Notes: the taxon, which is absent in Sardinia according to Arrigoni (2015a), Bartolucci & al. (2018a) and Pignatti (2017-2019), was probably confused with *C. macrocephala*.

Castroviejoa frigida (Labill.) Galbany & al. - Ch suffr - Endem. Co

First report: Barbey 1884

Specimens seen: Tempio, Sommet du Monte Limbaro, 1500m, 4.VII.1882, *Reverchon* (FI); Arrondissement de Tempio, sommet du Monte Limbaro, rochers granitique à 1500m de altitude, 4.VII.1882, *Reverchon* (FI).

Notes: the herbarium specimens collected by Reverchon in July 1882 belong to the same collection of plants doubtfully found by himself on Limbara, together with *Armeria leucocephala*, *Asphodelus cerasiferus*, *Phalaris rotgesii*. It is thinkable that he collected several specimens in Corsica, then he mixed them with others actually collected soon after on the Limbara massif, since it has never been found again on the mountain.

Crepis capillaris (L.) Wallr. - T scap - C-Europ.

First report: Moris 1827

Notes: it is not known any specimen collected on the mountain.

Gnaphalium supinum L. - H scap - Arct-Alp.

First report: Moris 1827

Notes: the taxon was maybe confused with *G. uliginosum*, actually growing on Limbara.

Hieracium bernardii Rouy subsp. ***templare*** (Arrigoni) Greuter - H scap - Endem. Sa

First report: Arrigoni 1985

Notes: analysis of Arrigoni's description and in particular the annexed iconography, as well as the abundant specimens collected in the field, lead us to consider this entity as simply a slender form of *H. b.* subsp. *gallurensis*, often deriving from the mechanical weeding of roadsides, otherwise after natural stresses. Another element supporting our position derives from the cultivation of seeds collected by supposed plants belonging to this taxon, which originated full growing plants of *H. b.* subsp. *gallurensis*.

Appendix 3: **Taxa not found**

Pinus patula Schlecht. & Cham. - P scap - N-Amer. - OP

First report: Veri & Bruno 1974

Notes: it was reported as planted in reforestations, but it has not been found in the localities cited by the above-mentioned authors. Maybe it is no longer present on the area.

Pinus sabiniana Dougl. - P scap - N-Amer. - OP

First report: Veri & Bruno 1974

Notes: it was reported as planted in reforestations, but in the locality cited by the authors (Fradi Giagheddi), the taxon has not been found.

Spirodela polyrhiza (L.) Schleid. - I nat - Subcosmop.

Specimen seen: Berchidda, parte bassa. 15-IV-1910. *Sine coll.* (SASSA)

Allium trifoliatum Cirillo - G bulb - Steno-Medit.

First report: Arrigoni 2015a

Narcissus tazetta L. subsp. ***italicus*** (Ker-Gawl.) Baker - G bulb - C-Medit.

First report: Arrigoni 2015a sub *N. grandicrenatus* Parl.

Anacamptis coriophora (L.) R. M. Bateman, Pridgeon & M. W. Chase - G rtb - Euri-Medit.

Specimen seen: Limbara, cisteti sopra Baddemanna. 12-VI-1908. *Cavara & Cossu* (SASSA)

Gennaria diphylla Parl. - G rtb - W-Medit. Atl.

First report: Terracciano 1910a

Specimen seen: Monte Limbara al Prado de Rio de Baldu presso Tanca Manna, dopo il 27° chilometro, 24-VI-1907, *sine coll.*, sub *Platanthera diphylla* Reichb. f. (SASSA)

Notes: the recent finding of some growing stations of this taxon inland, in the municipalities of Olbia and Sant'Antonio di Gallura between 250 and 400 m, leaves space to the possibility that it could have been growing also in the site labelled in the cited herbarium specimen, where it appears to be now locally extinct.

Neottia ovata (L.) Bluff & Fingerh. - G rhiz - Euras.

First report: Terracciano 1910a

Specimen seen: Monte Limbara, tra punta di Anghilasa e Filascheddu, 24-VI-1907, *sine coll.* (SASSA)

Juncus fontanesii J. Gay - G rhiz - Paleosubtrop.

First report: Arrigoni 2015b

Carex lepidocarpa Tausch - H caesp - Anfiatl.

First report: Arrigoni 2015b

Alopecurus pratensis L. - H caesp - Eurosib.

First report: Veri & Bruno 1974

Arrhenatherum elatius (L.) P. Beauv. ex J. Presl. & C. Presl. subsp. *sardoum* (Em. Schmid) Gamisans - H scap - W-Medit Mont.

First report: Pignatti 2017-2019

Bromus lanceolatus Roth - T scap - Paleotemp.

First report: Nicotra 1896

Notes: the taxon has not been found in the study area during these years, but it is confirmed in Sardinia, since we found it in proximity of the western shores of lake Coghinas (sample in PAV).

Festuca circummediterranea Patzke - H caesp - Euri-Medit.

First report: Arrigoni 2015b

Notes: the author cited an herbarium sample preserved in FI and collected by Martinoli. The taxon has not been found again in Sardinia.

Festuca maritima L. - T scap - Euras.

First report: Veri & Bruno 1974

Festuca trichophylla (Gaudin) K. Richt. - H caesp - Europ.

First report: Arrigoni 2015b

Notes: the author cited an herbarium sample preserved in FI and collected by Martinoli. The taxon has not been found again in Sardinia.

Helleborus lividus Aiton subsp. *corsicus* (Briq.) P. Fourn. - H scap - Endem. Sa Co

First report: Barbey 1884

Notes: some herbarium specimens, which testify a recent presence of the taxon on the mountain, are preserved in FI. Probably, is it currently extinct on the mountain or very rare in some isolated places.

Ranunculus repens L. - H rept - Paleotemp.

First report: Arrigoni 2006

Specimen seen: Pendici umide e fresche di Punta Bandiera, a 1250 m ca. 4-VI-1970. *Arrigoni* (FI)

Rumex arifolius All. - H scap - Euras.

First report: Arrigoni 2010a

Cerastium boissierianum Greuter & Burdet - H scap - W-Medit. Mont.

First report: Arrigoni 2010a

Moehringia pentandra Gay - T scap - Euri-Medit.

First report: Arrigoni 2010a

Specimen seen: Monte Limbara da Rio di Baldu ad Abbafritta, sub *Moehringia trinervia* Clairv. 24-VI-1907. *Sine Coll.* (SASSA)

Sagina pilifera (DC.) Fenzl. - H caesp - Endem. Sa Co

First report: Terracciano 1910b

Sagina revelieri Jord. & Fourr. - H caesp - Endem. Co

First report: Barbey 1884

Notes: we found some populations of *S. alexandrae* with large scarious margins on the sepals, an important trait of *S. revelieri*, but these are neither acute nor cowled.

Scleranthus perennis L. subsp. ***burnatii*** (Briq.) P. D. Sell - H scap - Endem. Co He

First report: Arrigoni 1984

Notes: the author cited an herbarium sample collected by Martinoli in 1954. The taxon has never been found again on the mountain.

Viola reichenbachiana Jord. ex Boreau - H scap - Eurosib.

First report: Veri & Bruno 1974

Trifolium diffusum Ehrh. - T scap - Euro-Cauc.

First report: Veri & Bruno 1974

Polygala padulae Arrigoni - H scap - Endem. Sa

First report: Arrigoni 2012

Urtica dioica L. subsp. ***pubescens*** (Ladeb.) Domin. - H scap - Subcosmop.

First report: Weigend 2005

Notes: some herbarium specimens exist, which were collected by Reverchon in the surroundings of Tempio Pausania.

Geranium pusillum L. - T scap - Euras.

First report: Veri & Bruno 1974

Epilobium collinum C. C. Gmelin - H scap - Europ.

First report: Schmid 1933

Ludwigia palustris (L.) Elliott - H rept - Subcosmop.

First report: Veri & Bruno 1974

Notes: the taxon is now probably extinct in the area, after a draining on wet sites where it once grew.

Arabis hirsuta (L.) Scop. - H bienn/H scap - Europ.

First report: Terracciano 1914

Microthlaspi perfoliatum (L.) F. K. Mey - T scap - Paleotemp.

First report: Veri & Bruno 1974

Tuberaria praecox Grosser - T scap - Steno-Medit.

First report: Negodi 1931

Blackstonia grandiflora (Viv.) Pau - T scap - SW-Medit.

First report: Veri & Bruno 1974

Echium creticum L. - H bienn - W-Medit.

First report: Negodi 1931

Cruciata pedemontana (Bellardi) Ehrend. - T scap - Euri-Medit.

First report: Nicotra 1896

Notes: an herbarium sample exists, collected by Nicotra in 1896. The taxon has not been found again.

Glechoma sardoa (Bég.) Bég. - H scap - Endem. Sa

First report: Arrigoni 2013

Notes: its recent indication for Limbara could be due perhaps to an herbarium specimen, collected by Nicotra, labelled "Tempio" and putatively preserved in SASSA (Valsecchi 1977b). We have not found the cited specimen on that herbarium, nor a single plant in the whole study area.

Scrophularia canina L. - H scap - Steno-Medit

First report: Valsecchi 1979

Notes: the mentioned author cited an herbarium sample collected by Martinoli in 1956, preserved in FI, which is labelled "Sommità M. Limbara". The taxon has never been found again on the mountain.

Campanula macrorhiza J. Gay ex A. DC. - Ch pulv - Endem. W-Alp.

First report: Terracciano 1909

Notes: Arrigoni collected a plant (specimen in FI) on rocky cliffs near P. Giugantinu, but the taxon has not been found again. It was probably a casual adventitious that not originated a naturalisation.

Carduus fasciculiflorus Viv. - H bienn - Endem. Sa Co AT

First report: Barbey 1884

Specimens seen: Monte Limbara, da rio di Baldu ad Abbafritta. 24-VI-1907. *Sine coll.*; Monte Limbara, Abbafritta. 24-VI-1908. *Sine coll.* (SASSA)

Crepis bursifolia L. - H scap - S-Europ.

First report: Veri & Bruno 1974

Notes: it is possible that the taxon would have been a temporary adventitious on the mountain, which had disappeared soon after its discovering.

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