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Update to the vascular flora of Mount Limbara: new records from Northern Sardinia

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. 164-1,330 m

Isoëtales

Isoëtaceae

Isoëtes durieui Bory - G bulb - W-Medit. - R. Wet rocks, wet meadows. 300-1,330 m

Isoëtes gymnocarpa (Gennari) A. Braun - G bulb - S-Medit. - R. Wet places. 164-1,100 m

Isoëtes histrix Bory - G bulb - Medit-Atl. - S. Wet places. 164-1,300 m

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

Psilotopsida

Ophioglossales

Ophioglossaceae

Ophioglossum lusitanicum L. - G rhiz - Subatl. - S. Wet sandy soils, garrigues. 164-1,050 m

Polypodiopsida

Osmundales

Osmundaceae

Osmunda regalis L. - G rhiz - Subcosmop. - C. Watercourses, springs, wet woodlands. 165-1,250 m

Polypodiales

Pteridaceae

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

Anogramma leptophylla (L.) Link - T caesp - Pantrop. - C. Rocks, walls, scarps, woodlands. 165-1,050 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

Dennstaedtiaceae

Pteridium aquilinum (L.) Khun subsp. **aquilinum** - G rhiz - Cosmop. - C. Woodlands, scrublands, grasslands, wet places. 170-1,350 m

Polypodiaceae

Polypodium cambricum L. - H ros - Euri-Medit. - C. Rocks, woodlands, walls, ruderal. 164-1,150 m

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

Polypodium vulgare L. - H ros - Paleotemp. - S. Rocks, woodlands. 700-1,340 m

Aspleniaceae

Asplenium ceterach L. - H ros - Euras. - R. Rocks, walls, ruderal, woodlands, scarps. 165-730 m

Note: we did not specify the subspecies growing in the study area.

Asplenium foreziense Legerand ex Magnier - H ros - C-S Europ. - RR. Rocks. 1,250-1,335 m

Asplenium obovatum subsp. **billotii** (F. W. Schultz) O. Bolos, Vigo, Masalles & Ninot - H ros - SW-Medit. Macaron. - S. Rocks, woodlands. 250-1,320 m

Asplenium obovatum Viv. subsp. **obovatum** - H ros - Medit-Macaron. - S. Rocks, woodlands, walls. 250-1,110 m

Asplenium onopteris L. - H ros - Medit-Macaron. - C. Rocks, woodlands, walls. 165-1,340 m

Asplenium septentrionale (L.) Hoffm. subsp. **septentrionale** - H ros - Circumbor. R. Rocks. 900-1,350 m

§ *Asplenium trichomanes* subsp. **quadrivalens** D. E. Meyer - H ros - Subcosmop. - C. Rocks, woodlands, walls. 165-1,310 m

Note: this is the right combination of the taxon that we previously reported under *Asplenium trichomanes* L. subsp. *trichomanes*.

Athyriaceae

Athyrium filix-foemina (L.) Roth - H ros - Subcosmop. - S. Woodlands, streams, springs, shady rocks. 300-1,250 m

Cystopteridaceae

Cystopteris dickieana R. Sim. - H caesp - Subcosmop. - R. Rocks, woodlands, walls. 900-1,350 m

Cystopteris fragilis (L.) Bernh. - H caesp - Cosmop. S. Rocks, woodlands. 550-1,250 m

Dryopteridaceae

Dryopteris oreades Fomin - G rhiz - Subatl. - S. Rocks, woodlands, streams. 600-1,355 m

Polystichum setiferum (Forsskål) Woynar - G rhiz - Subatl. - S. Woodlands, streams, rocks. 300-1,350 m

Blechnaceae

Struthiopteris spicant (L.) Weiss - H ros - Anfiatl. - S. Springs, streams, wet woodlands. 500-1,320 m

Salviniales

Marsileaceae

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

Gymnospermae

Pinopsida

Pinales

Pinaceae

* *Abies cephalonica* Loudon - P scap - Endem. He - P/INV - S. Reforestations, heaths, garrigues, rocks. 800-1,300 m

Notes: hundreds of saplings and young trees are invading clearings, scrublands, wet woodlands, and roadsides in the vicinity of the places where the reforestations were planted. Previously, we reported it as P/NAT.

Cedrus atlantica (Endl.) G. Manetti ex Carrière - P scap - Endem. Ma - P/NAT - S. Reforestations, heaths, garrigues. 500-1,330 m

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

* *Pinus halepensis* Mill. subsp. *halepensis* - P scap - Circum-Medit. - P/NAT - S. Scrublands, rocky places, open woodlands, roadsides. 400-1,050 m

Note: we found new growing stations that enlarge upwards the elevational range of the taxon on the mountain.

Pinus nigra subsp. *laricio* Palib. ex Maire - P scap - Endem. Co It Si - P/INV - C. Reforestations, heaths, garrigues, rocks, paths, roadsides. 550-1,350 m

Pinus pinaster Aiton subsp. ***pinaster*** - P scap - W-Medit. Atl. - S. Woodlands, rocks, scrublands. 500-1,250 m

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

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

Cupressales

Cupressaceae

Chamaecyparis lawsoniana (A. Murray) Parl. - P scap - N-Amer. - P/CAS - RR. Reforestations, roadsides. 1,050-1,060 m

* *Cupressus sempervirens* L. - P scap - E-Medit. - P/CAS - RR. Reforestations, clearings. 450-600 m

Note: we previously considered this species as only planted (OP) within the study area, but in 2022 and 2023 we found several spontaneous young individuals in at least two different localities.

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

Juniperus communis var. ***saxatilis*** Pall. - NP - Arct-Alp. - RR. Garrigues. 1,290-1,320 m

Juniperus oxycedrus L. - P caesp - W-Medit. - C. Scrublands, rocks, woodlands, garrigues. 165-1,330 m

Taxaceae

Taxus baccata L. - P scap - Paleotemp. - S. Rocks, streams, springs, woodlands, scrublands. 400-1,350 m

Magnoliopsida

Angiospermae

Nymphaeales

Nymphaeaceae

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

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

Laurales

Lauraceae

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

Ceratophyllales

Ceratophyllaceae

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

Piperales

Aristolochiaceae

Aristolochia rotunda subsp. *insularis* (E. Nardi & Arrigoni) Gamisans - G rhiz - Endem. Sa Co AT - R. Wet woodlands, streams. 200-1,060 m

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 - Circum-Medit. - C. Woodlands, rocks, scrublands, grasslands, garrigues, ruderal. 164-1,100 m

Arum italicum Mill. subsp. *italicum* - G rhiz - Circum-Medit. - R. Clearings, fallow land, wet places. 165-1,000 m

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

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

Note: we found another locality close to that where Veri & Bruno (1974) previously recorded the taxon.

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

* *Baldellia ranunculoides* (L.) Parl. - I rad - Medit-Atl. - R. Ponds, streams. 270-530 m

Note: we found new growing stations that enlarge upwards the elevational range of the taxon on the mountain.

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. 230-1,035 m

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. 165-1,250 m

Liliales

Smilacaceae

Smilax aspera L. - P lian - Paleosubtrop. - C. Scrublands, woodlands, streams, rocks, hedges. 165-1,000 m

Liliaceae

Gagea bohemica (Zauschn.) Schult. & Schult. f. - G bulb - Euri-Medit. - R. Garrigues, grasslands, rocks, scrublands. 650-1,340 m

Gagea granatellii (Parl.) Parl. - G bulb - W-Medit. - S. Garrigues, grasslands, scrublands, woodlands, rocks. 164-1,300 m

Gagea soleirolii F. W. Schultz ex Mutel - G bulb - W-Medit. - R. Garrigues, grasslands, rocks. 990-1,340 m

Asparagales

Asparagaceae

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

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

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. 165-1,355 m

+ ***Hyacinthoides hispanica*** (Mill.) Rothm. - G bulb - W-Medit. - A/CAS - RR. Roadsides, clearings. 450-500 m

Notes: a few plants have been found along a country road on the northern side of the mountain. This is the first report of this species in Sardinia.

+ ***Hyacinthus orientalis*** L. - G bulb - E-Medit. - P/CAS - RR. Roadsides. 1,200-1,210 m

Notes: a few plants grow in a former military base dismissed in 1993. We confirm this taxon as a casual alien for Sardinia.

Loncomelos narbonensis (L.) Raf. - G bulb - Euri-Medit. - R. Grasslands, roadsides. 200-1,045 m

Loncomelos pyrenaicus (L.) L. D. Hrouda subsp. ***pyrenaicus*** - G bulb - Euri-Medit. - R. Woodlands, scrublands, grasslands. 164-1,210 m

Muscari comosum (L.) Mill. - G bulb - Euri-Medit. - C. Grasslands, scrublands, clearings, wet places. 165-1,250 m

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

Ornithogalum corsicum Jord. & Fourr. - G bulb - Endem. Sa Co - S. Grasslands, sandy soils, scrublands, rocks, clearings. 164-1,100 m

Polygonatum multiflorum (L.) All. - G rhiz - Euras. - R. Rocks, scrublands. 1,050-1,250 m

Prospero autumnale (L.) Speta - G bulb - Euri-Medit. - C. Grasslands, sandy soils, garrigues, scrublands, woodlands. 164-1,350 m

Prospero corsicum (Boullu) J.-M. Tison - G bulb - Endem. Sa Co - S. Wet meadows, garrigues, clearings. 164-1,330 m

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

Ruscus aculeatus L. - G rhiz - Euri-Medit - C. Woodlands, scrublands, rocks. 165-1,300 m

§ *Squilla glaucophylla* (Bacch., Brullo, D'Emerico, Pontec. & Salmeri) Mart.-Azorín, M. B. Crespo & M. Á. Alonso - G bulb - Subendem. Sa Co Ag - S. Garrigues, rocks, sandy soils. 980-1,300 m

Notes: this is the new combination for *Charybdis glaucophylla* Bacch., Brullo, D'Emerico, Pontec. & Salmeri (Martínez-Azorín & al. 2022). According to El Mokni & Pasta (2021) the species is no longer a Sardinian-Corsican endemic, but also grows in Algeria.

§ *Squilla pancration* Steinh. - G bulb - CW-Medit. - C. Rocks, scarps, grasslands, scrublands, woodlands. 164-1,150 m

Note: this is the new combination for *Charybdis pancration* (Steinh.) Speta (Martínez-Azorín & al. 2022).

§ *Squilla undulata* (Desf.) Mart.-Azorín, M. B. Crespo & M. Á. Alonso - G bulb - S-Medit. - S. Sandy soils, grasslands, scarps, rocks, garrigues. 164-800 m

Note: this is the new combination for *Charybdis undulata* (Desf.) Speta (Martínez-Azorín & al. 2022).

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

Amaryllidaceae

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

Allium parciflorum Viv. - G bulb - Endem. Sa Co - C. Garrigues, rocks, grasslands, scarps, clearings, scrublands, sandy soils. 400-1,350 m

Allium polyanthum Schult. & Schult. f. - G bulb - Euri-Medit. - S. Grasslands, fallow land, roadsides, scarps, scrublands, clearings. 164-1,320 m

Allium roseum L. subsp. *roseum* - G bulb - Circum-Medit. - S. Grasslands, garrigues, scrublands, roadsides. 165-1,250 m

Allium sardoum Moris - G bulb - Circum-Medit. - R. Grasslands, scrublands, garrigues. 164-1,030 m

Allium subhirsutum L. subsp. *subhirsutum* - G bulb - Circum-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. 164-1,300 m

Allium vineale L. - G bulb - Euri-Medit. - C. Garrigues, grasslands, rocks, scrublands, clearings. 165-1,350 m

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

+ *Narcissus pseudonarcissus* L. - G bulb - W-Europ. - P/NAT - RR. Roadsides, reforestations. 1,000-1,050 m

Notes: several plants are growing in the locality Vallicciola. However, despite our awareness of their presence, we inadvertently omitted to include them in the original list.

§ *Narcissus tazetta* subsp. *aureus* (Loisel.) Baker - G bulb - Circum-Medit. - C. Rocks, garrigues, scarps, wet meadows, scrublands. 164-1,250 m

Notes: on the mountain, plants showing intermediate patterns between the subsp. *tazetta* and the subsp. *aureus* are almost constantly present. Since the tepals are mostly yellow or yellowish, we retain that the subsp. *aureus* should be the only native taxon of this complex in the study area. Flowers with completely whitish tepals and yellow crown are rare and often mixed with others more referable to the subsp. *aureus*. As already noticed by Arrigoni (2006, 2015) Sardinian plants often do not correspond to the typus of *N. tazetta* subsp. *aureus*.

+ *Narcissus tazetta* subsp. *italicus* (Ker Gawl.) Baker - G bulb - Circum-Medit. - (P/CAS?) - RR. Mountain meadows, roadsides. 1,200-1,220 m

Notes: a few plants grow in a former military base dismissed in 1993. This is the first record of this taxon for northern Sardinia and the second for the island, soon after Bartolucci & al. (2023).

– *Narcissus tazetta* L. subsp. *tazetta* - G bulb - Circum-Medit.

Notes: see note above (*Narcissus tazetta* subsp. *aureus*).

Pancratium illyricum L. - G bulb - Endem. Sa Co AT - C. Grasslands, garrigues, rocks, scrublands, woodlands, scarps. 164-1,250 m

Asphodelaceae

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

Asphodelus ramosus L. subsp. *ramosus* - G tub - Circum-Medit. - CC. Grasslands, pastures, scrublands, garrigues, scarps, woodlands, roadsides. 164-1,340 m

Iridaceae

+ *Chamaeiris foetidissima* (L.) Medik. - G rhiz - Euri-Medit. - A/NAT(?) - RR. Roadsides, clearings, open woodlands, drystone walls. 500-550 m

Note: we found several plants on the northern slopes of the mountain, where they appear to be escaped from cultivation from country houses.

Crocus minimus DC. - G bulb - Endem. Sa Co - CC. Grasslands, garrigues, scrublands, woodlands, rocks, wet places, sandy soils. 164-1,345 m

§ *Freesia leitchlinii* subsp. *alba* (G. L. Mey.) J. C. Manning & Goldblatt - G bulb - S-Afr. - P/CAS - RR. Scarps, fallow land, roadsides. 200-250 m

Note: this is currently considered the correct nomenclature for this taxon.

Gladiolus byzantinus Mill. - G bulb - Circum-Medit. - R. Garrigues, scrublands, wet places, rocks, woodlands. 200-900 m

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. 200-1,210 m

Limniris pseudoacorus (L.) Fuss - G rhiz - Euras. - R. Wet places. 164-500 m

Moraea sisyrinchium (L.) Ker Gawl. - G bulb - Circum-Medit. - RR. Grasslands, roadsides. 450-500 m

Romulea bulbocodium (L.) Sebast. & Mauri - G bulb - Circum-Medit. - C. Grasslands, scrublands, garrigues, clearings. 165-1,100 m

Romulea columnae Seb. & Mauri - G bulb - Circum-Medit. - C. Grasslands, wet meadows, scrublands, garrigues, sandy soils. 164-1,300 m

Romulea ligustica Parl. - G bulb - W-Medit. - CC. Grasslands, wet meadows, garrigues, scrublands, rocks, woodlands, roadsides. 164-1,050 m

Romulea ramiflora Ten. subsp. ***ramiflora*** - 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. 164-1,340 m

* ***Romulea revelierei*** Jord. & Fourr. - G bulb - Endem. Sa Co - R. Wet meadows, scrublands. 1,000-1,300 m

Note: we found a new growing station, which is the lowest currently known on the mountain.

Romulea rosea (L.) Eckl. - G bulb - Sudafr. - A/CAS - RR. Grasslands, fallow land. 450-500 m

Romulea ×limbarae Bég. - G bulb - Endem. Sa - S. Grasslands, garrigues, wet places, rocks. 500-1,100 m

Orchidaceae

Anacamptis laxiflora (Lam.) R. M. Bateman, Pridgeon & M. W. Chase - G bulb - Euri-Medit. - S. Wet meadows, springs, wet woodlands. 164-1,045 m

Anacamptis longicornu (Poir.) R. M. Bateman, Pridgeon & M. W. Chase - G bulb - W-Medit. - C. Grasslands, scrublands, wet meadows, roadsides, woodlands, garrigues. 164-1,330 m

Anacamptis papilionacea 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. 164-1,340 m

Anacamptis ×bornemannii (Asch.) H. Kretzschmar - G bulb - W-Medit. - R. Grasslands, roadsides, woodlands, scrublands. 164-800 m

Anacamptis ×sarcidani Scrugli & Grasso - G bulb - W-Medit. - RR. Wet meadows, springs. 480-1,200 m

Barlia robertiana (Loisel.) Greuter - G bulb - Circum-Medit. - R. Roadsides, grasslands, scarps, clearings. 164-530 m

Cephalanthera longifolia (L.) Fritsch - G rhiz - Euras. - C. Woodlands, scrublands, garrigues, grasslands, rocks, springs. 500-1,280 m

Dactylorhiza insularis (Sommier) O. Sanchez & Herrero - G bulb - W-Medit. - S. Scrublands, grasslands, clearings, scarps, garrigues, open woodlands. 500-1,335 m

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

Limodorum abortivum (L.) Sw. - G rhiz - Euri-Medit. - C. Woodlands, scrublands, garrigues. 164-1,200 m

Neotinea lactea R. M. Bateman, Pidgeon & M. W. Chase - G bulb - Circum-Medit. - C. Scrublands, grasslands, woodlands, scarps. 164-1,030 m

Neotinea maculata (Desf.) Stearn - G bulb - Circum-Medit. - C. Woodlands, scarps, scrublands, garrigues. 165-1,060 m

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

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

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

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

Orchis provincialis Balbis ex Lam. & DC. - G bulb - Circum-Medit. - S. Scrublands, grasslands, woodlands, scarps, rocks, wet meadows. 250-1,100 m

Platanthera algeriensis Batt. & Trab. - G bulb - W-Medit. - RR. Wet places. 950-1,300 m

Serapias cordigera L. subsp. **cordiger** - G bulb - Circum-Medit. - S. Grasslands, scrublands, woodlands, garrigues. 164-1,200 m

Serapias lingua L. - G bulb - Circum-Medit. - C. Grasslands, wet places, garrigues, scrublands, rocks. 164-1,300 m

Serapias nurrica Corrias subsp. **nurrica** - G bulb - Subendem. Sa Co Si It Tu - RR. Garrigues, scrublands. 450-800 m

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

Serapias ×semilingua Camus - G bulb - Circum-Medit. - R. Grasslands, scrublands, wet meadows, roadsides. 164-650 m

Spiranthes aestivalis (Poir.) Rich. - G rhiz - Medit-Atl. - C. Streams, wet scarps. 250-1,000 m

Spiranthes spiralis (L.) Chevall. - G rhiz - Medit-Macaron. - S. Scrublands, woodlands, grasslands, roadsides. 164-870 m

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. 165-1,030 m

Juncaceae

Juncus acutus L. subsp. **acutus** - 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

Juncus articulatus L. subsp. **articulatus** - G rhiz - Circumbor. - C. Wet places. 164-1,265 m

Juncus bufonius L. - T caesp - Cosmop. - C. Wet places, grasslands, sandy soils. 164-1,310 m

Juncus bulbosus L. - I rad - Europ. - R. Streams, ponds, lakes, springs. 400-1,150 m

Juncus capitatus Weigel - T scap - Euri-Medit. Atl. - S. Wet meadows, ponds, springs. 164-1,300 m

Juncus conglomeratus L. - H caesp - Eurosib. - S. Springs, ponds, wet woodlands. 164-1,290 m

Juncus effusus L. subsp. **effusus** - H caesp - Cosmop. - C. Ponds, streams, lakes. 164-1,210 m

Juncus foliosus Desf. - T caesp - W-Medit. - R. Wet meadows, ponds, springs. 450-650

Juncus heterophyllus Dufour - I rad - Medit-Atl. - S. Streams, springs, lakes. 200-1,030 m

Juncus hybridus Brot. - T caesp - Medit-Atl. - R. Wet meadows, ponds, springs. 980-1,300 m

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

Juncus minutulus (Albert & Jahand.) Prain. - T caesp - Europ. - RR. Wet meadows. 1,280-1,300 m

Juncus pygmaeus Rich. ex Thuill. - T caesp - Medit-Atl. - R. Wet meadows, ponds. 450-1,300 m

Juncus sorrentinoi Parl. - T caesp - W-Medit. - R. Wet meadows, ponds. 164-990 m
Juncus subnodulosus Schrank - G rhiz - Euro-Cauc. - S. Streams, springs, lakes. 300-1,290 m
Juncus tenageja L. f. subsp. **tenageja** - T caesp - Paleotemp. - R. Wet meadows, ponds, clearings. 500-1,300 m
Luzula campestris (L.) DC. subsp. **campestris** - H caesp - Euro-Cauc. - S. Rocks, grasslands, garrigues. 500-1,340 m
Luzula forsteri (Sm.) DC. - H caesp - Euri-Medit. - C. Woodlands, scrublands. 164-1,300 m
Luzula pilosa (L.) Willd. - H caesp - Circumbor. - R. Woodlands. 800-1,000 m

Cyperaceae

§ *Carex caryophyllea* Latourr. subsp. **caryophyllea** - H scap - Euras. - C. Wet places. 200-1,050 m
+ *Carex caryophyllea* subsp. **insularis** (Christ. ex Barbey) Arrigoni - H scap - Endem. Sa Co. - C. Garrigues, sandy wet places. 1,100-1,350 m

Notes: the taxon has been recently considered as valid by Fois & al. (2022). Waiting for future revisions through morphometric and genetic analyses, we temporarily consider it in this update.

Carex distachya Desf. - H caesp - Circum-Medit. - C. Woodlands, scrublands. 165-1,250 m
Carex distans L. - H caesp - Euri-Medit. - S. Wet woodlands, springs. 200-1,210 m
Carex divisa Huds. - G rhiz - Euri-Medit. Atl. - S. Wet meadows, grasslands, ponds. 164-1,045 m
Carex divulsa Stokes - H caesp - Euri-Medit. - C. Woodlands, wet places, fallow land. 165-1,060 m
Carex flacca subsp. **erytrostachys** (Hoppe) Holub - G rhiz - Europ. - S. Wet meadows, open woodlands. 165- 1,000 m
Carex flacca Schreb. subsp. **flacca** - G rhiz - Europ. - R. Wet meadows, scrublands. 700-800 m
Carex hispida Willd. - G rhiz - Circum-Medit. - S. Streams, ponds, lakes, springs. 165-900 m
+ *Carex leersii* F.W.Schultz - H caesp - Euras. - S. Clearings, grasslands, fallow land. 165-650 m

Note: the taxon is present mostly on the southern and western slopes of the mountain.

Carex leporina L. - H caesp - Eurosib. - EX(?). Along a small stream. 1,000-1,050 m

§ *Carex microcarpa* Bertol. - G rhiz - Endem. Sa Co AT - C. Wet places. 165-1,330 m

Note: in a recent study, the presence of this species has been excluded from the peninsular Italian regions (Miguez & al. 2021).

Carex oedipostyla Duval-Jouve - G rhiz - W-Medit. - R. Scrublands, woodlands. 165-550 m
Carex olbiensis Jordan - H caesp - W-Medit. - RR(EX?). Wet woodlands. 550-650 m
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. 500-1,300 m
Carex panormitana Guss. - H caesp - Subendem. Sa Si Tu - C. Streams. 250-900 m
Carex punctata Gaudin - H caesp - Subatl. - R. Springs, wet woodlands, ponds. 500-950 m
Carex remota L. - H caesp - Euro-Cauc. - S. Wet woodlands, watercourses. 165-1,050 m
Carex viridula Michx. - H caesp - Euras. - R. Springs, wet meadows, streams. 400-1,300 m
+ *Cladium mariscus* (L.) Pohl - G rhiz - Subnocosmop. - RR. Wet places. 400-500 m

Note: we found three different small populations of this species in a wet site on the western border of the study area.

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
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. 400-1,300 m
Eleocharis palustris (L.) Roem. & Schult. subsp. **palustris** - G rhiz - Subcosmop. - R. Wet places. 164-990 m
Isolepis cernua (Vahl) Roem. & Schult. - T scap - Subcosmop. - S. Wet places. 164-850 m
Isolepis setacea (L.) R. Br. - T scap - Paleotemp. - R. Springs, ponds, streams. 250-1,000 m
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
Scirpoides holoschoenus (L.) Soják - G rhiz - Euri-Medit. - S. Wet places, sandy soils. 200-1,250 m

Poaceae

Achnatherum bromoides (L.) P. Beauv. - H caesp - Circum-Medit. - S. Clearings, woodlands, scrublands, roadsides. 165-900 m
Agrostis castellana Boiss. & Reut. - H scap - Euri-Medit. - C. Grasslands, garrigues, clearings, scrublands, roadsides. 600-1,350 m
Agrostis pourrettii Willd. - T scap - W-Medit. - C. Grasslands, wet places, woodlands. 164-1,320 m
Agrostis stolonifera L. subsp. **stolonifera** - H rept - Circumbor. - S. Wet places, clearings. 164-990 m
Aira caryophyllea L. - T scap - Paleotrop. - C. Grasslands, scrublands, woodlands, roadsides. 164-1,350 m
Aira cupaniana Guss. - T scap - W-Medit. - S. Scrublands, woodlands, grasslands. 164-1,200 m
§ *Aira elegans* Willd. subsp. **elegans** - T scap - Euri-Medit. - C. Grasslands, scrublands, woodlands, rocks. 164-1,340 m
Note: new combination of *Aira elegantissima* Schur.
Aira intermedia Guss. - T scap - Circum-Medit. - R. Grasslands, woodlands, scrublands. 200-500 m
Aira multiculmis Dumort. - T scap - W-Medit. Atl. - R. Rocks, grasslands. 1,000-1,350 m
Alopecurus bulbosus Gouan subsp. **bulbosus** - H caesp - Euri-Medit. - R. Wet meadows. 164-1,300 m
Alopecurus rendlei Eig - T scap - Euri-Medit. - R. Wet meadows, grasslands. 164-780 m
Anisantha fasciculata (C. Presl.) Nevski subsp. **fasciculata** - T scap - S-Medit. - R. Grasslands, scrublands, scarps. 165-850 m
Anisantha madritensis (L.) Nevski subsp. **madritensis** - T scap - Euri-Medit. - C. Grasslands, scrublands, fallow land, garrigues, roadsides, rocks. 164-1,250 m
Anisantha rigida (Roth) Hyl. - T scap - Paleosubtrop. - C. Grasslands, scrublands, roadsides. 164-1,300 m
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. 164-1,300 m
Anisantha tectorum (L.) Nevski - T scap - Paleotemp. - RR. Roadsides, grasslands. 1000-1,100 m
Anthoxanthum aristatum Boiss. - T scap - W-Medit. - S. Sandy soils, rocks, clearings, garrigues. 164-1,300 m
Anthoxanthum odoratum L. - H caesp - Euras. - C. Grasslands, wet places, woodlands, scrublands, rocks, garrigues. 164-1,350 m
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. 164-1,350 m
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 subsp. **flexuosa** - H caesp - Subcosmop. - S. Rocks, garrigues. 950-1,340 m

– *Bambusa vulgaris* Schrad. ex J.C.Wendl. - G rhiz - E-As.

Note: all previous records of this taxon from Sardinia have to be referred to *Phyllostachys aurea* (Galasso & al. 2023a).

Brachypodium distachyon (L.) P. Beauv. - T scap - Medit-Turan. - S. Scrublands, woodlands, grasslands, rocks, scarps. 165-870 m

Brachypodium retusum (Pers.) P. Beauv. - H caesp - W-Medit. - C. Rocks, woodlands, scrublands, garrigues, grasslands. 165-1,340 m

Brachypodium sylvaticum (Hudson) P. Beauv. subsp. ***sylvaticum*** - H caesp - Paleotemp. - C. Woodlands, scrublands, scarps. 165-1,310 m

Briza minor L. - T scap - Subcosmop. - S. Wet meadows, clearings. 164-1,210 m

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

§ ***Bromus hordeaceus*** subsp. ***divaricatus*** (Bonnier & Layens) Kerguelén - T scap - Euri-Medit. - S. Grasslands, woodlands, scrublands. 165-1,300 m

Note: this is the new combination for the taxon.

Bromus hordeaceus L. subsp. ***hordeaceus*** - T scap - Subcosmop. - C. Grasslands, woodlands. 164-1,330 m

Bromus intermedius Guss. - T scap - Euri-Medit. - S. Grasslands, scrublands, woodlands. 300-1,300 m

+ ***Bromus lanceolatus*** Roth - T scap - Paleotemp. - R. Open woodlands. 200-400 m

First record: Nicotra, 1896.

Note: we confirm the presence of the species after its finding on the southern area of the mountain.

Bromus racemosus L. subsp. ***racemosus*** - T scap - Euro-Cauc. - R. Grasslands, wet meadows. 400-500 m

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

Calamagrostis epigejos (L.) Roth subsp. ***epigejos*** - H caesp - Eurosib. - R. Clearings, scrublands, roadsides. 950-1,265 m

Catapodium rigidum (L.) C. E. Hubb. - T scap - Euri-Medit. - C. Fallow land, grasslands, scrublands, woodlands, sandy soils. 164-1,250 m

Ceratochloa cathartica (Vahl) Herter - H caesp - Amer. - A/CAS - RR. Roadsides, meadows. 500-1,250 m

Cynodon dactylon (L.) Pers. - G rhiz - Subcosmop. - C. Wet meadows, roadsides, fallow land. 164-1,210 m

Cynosurus cristatus L. - H caesp - Euro-Cauc. - C. Grasslands, woodlands, scrublands. 164-1,330 m

Cynosurus echinatus L. - T scap - Euri-Medit. - C. Grasslands, scrublands, woodlands, scarps. 164-1,300 m

Cynosurus effusus Link - T scap - Circum-Medit. - S. Woodlands, rocks, scarps. 200-1,345 m

Cynosurus polybracteatus Poir. - T scap - W-Medit. - S. Wet meadows, clearings. 165-1,060 m

Dactylis glomerata L. subsp. ***glomerata*** - H caesp - Paleotemp. - C. Grasslands, roadsides, scrublands. 164-1,320 m

Dactylis glomerata subsp. ***hispanica*** (Roth) Nyman - H caesp - Circum-Medit. - R. Garrigues, rocks, woodlands, scarps. 300-1,300 m

Danthonia decumbens (L.) DC. subsp. ***decumbens*** - H caesp - Europ. - C. Garrigues, wet meadows, rocks, woodlands. 250-1,340 m

Dasyphyrum villosum (L.) P. Candargy, non Borbàs - T scap - Medit-Turan. - C. Grasslands, scrublands, woodlands, roadsides, fallow land. 165-1,250 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. subsp. ***crus-galli*** - T scap - Subcosmop. - S. Wet grasslands, roadsides, fallow land. 164-1,060 m

Elymus repens (L.) Gould - G rhiz - Circumbor. - R. Wet meadows, clearings. 164-1,060 m

Eragrostis cilianensis (All.) Vignolo ex Janch. subsp. ***cilianensis*** - 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. 1,280-1,300 m

Festuca danthonii Asch. & Graebn. subsp. ***danthonii*** - T caesp - Euri-Medit. - S. Grasslands, garrigues, scrublands, roadsides, fallow land. 164-1,340 m

* *Festuca geniculata* (L.) Lag. & Rodr. subsp. ***geniculata*** - T caesp - W-Medit. - C. Grasslands, fallow land, roadsides, scrublands. 165-1,230 m

Notes: we found new growing stations that enlarge upwards the elevational range of the taxon on the mountain.

Festuca lachenalii (C. C. Gmel.) Spenn. - T scap - W-Medit. - S. Grasslands, garrigues, rocks. 164-1,350 m

Festuca ligustica (All.) Bertol. - T caesp - Circum-Medit. - C. Grasslands, garrigues, roadsides. 164-1,330 m

Festuca muralis Kunth - T caesp - W-Medit. - R. Grasslands, garrigues, roadsides, scrublands. 164-1,100 m

Festuca myuros L. subsp. ***myuros*** - T caesp - Subcosmop. - C. Grasslands, scrublands, roadsides. 164-1,300 m

Festuca rubra subsp. *junceae* (Hack.) K. Richt. - H caesp - Europ. Mont - A/NAT - S. Roadsides, scarps, garrigues, grasslands. 1,040-1,320 m

Festuca sardoa (Hack.) K. Richt. - H caesp - Endem. Sa Co - S. Rocks, garrigues. 1,100-1,355 m

Festuca sicula C. Presl. - H caesp - W-Medit. - R. Grasslands, garrigues, clearings. 600-1,320 m

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

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. 164-1,060 m

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

Holcus lanatus L. subsp. ***lanatus*** - H caesp - Circumbor. - C. Grasslands, scrublands, woodlands, wet places. 164-1,300 m

* *Holcus mollis* L. subsp. ***mollis*** - H caesp - Circumbor. - R. Grasslands. 400-900 m

Note: we found new growing stations that enlarge upwards the distribution of the taxon on the study area.

Hordeum bulbosum L. - H caesp - Paleosubtrop. - R. Grasslands, woodlands, wet places. 250-800 m

Hordeum geniculatum All. - T scap - Circum-Medit. - S. Wet meadows. 164-1,060 m

Hordeum murinum subsp. ***leporinum*** (Link) Arcang. - T scap - Medit-Pont. - C. Grasslands, scrublands, roadsides, fallow land. 164-1,340 m

Lagurus ovatus L. subsp. ***ovatus*** - T scap - Circum-Medit. - C. Grasslands, garrigues, scrublands, woodlands. 164-1,330 m

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. 160-300 m

Note: we found new growing stations that enlarge downwards the distribution of the taxon on the study area.

Lolium arundinaceum (Schreb.) Darbysh. subsp. ***arundinaceum*** - H caesp - Europ. - C. Wet grasslands, ponds, scrublands. 300-1,250 m

Lolium interruptum (Desf.) Banfi, Galasso, Kopecký & Ardenghi subsp. ***interruptum*** - H caesp - Circum-Medit. - R. Grasslands, springs, ponds, clearings. 165-1,215 m

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. 164-1,320 m

Lolium rigidum L. - T scap - Paleosubtrop. - S. Grasslands, pastures, roadsides. 164-1,100 m

Note: we have not defined what subspecies grow on the study area.

§ ***Macrobriza maxima*** (L.) Tzvelev - T scap - Paleosubtrop. - C. Grasslands, scrublands, woodlands, garrigues, roadsides. 164-1,350 m

Note: According to Tkach & al. (2020) this is the correct binomial for the species.

Melica ciliata L. subsp. ***ciliata*** - H caesp - Euri-Medit. - R. Grasslands, scrublands, woodlands. 170-870 m

Melica ciliata subsp. ***magnolii*** (Godr. & Gren.) K. Richt. - H caesp - Medit-Turan. - C. Grasslands, scrublands, fallow land, roadsides. 164-750 m

Melica minuta subsp. ***latifolia*** (Coss.) W. Hempel - H caesp - Circum-Medit. - S. Grasslands, woodlands, scarps. 164-1,300 m

Melica minuta L. subsp. ***minuta*** - H caesp - Circum-Medit. - S. Rocks, scrublands, grasslands. 164-1,330 m

Melica uniflora Retz. - H caesp - Paleotemp. - S. Scrublands, woodlands. 165-1,100 m

§ ***Milium vernale*** M. Bieb. - T scap - Circum-Medit. - R. Grasslands, clearings. 970-1,060 m

Note: new combination for *M. vernale* subsp. *scabrum* K. Richt.

Molineriella minuta (L.) Rouy - T scap - Circum-Medit. - S. Grasslands, clearings, sandy soils. 164-780 m

Oloptum thomasi (Duby) Banfi & Galasso - H caesp - Medit-Turan. - C. Woodlands, scrublands, scarps, roadsides, ruderal. 165-1,250 m

* ***Panicum dichotomiflorum*** Michx. - T scap - Amer. - A/NAT - R. Wet meadows. 300-500 m

Note: in summer 2023 we found new growing stations that enlarge the distribution of the taxon on the study area.

§ ***Parapholis cylindrica*** (Willd.) Romero Zarco - T scap - Euri-Medit. - R. Roadsides, grasslands. 300-1,050 m

Note: new combination of *Hainardia cylindrica* (Willd.) Greuter.

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. 450-1,250 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 - Circum-Medit - RR. Grasslands, roadsides. 200-250 m

Phragmites australis (Cav.) Trin. ex Steud. - He - Subcosmop. - S. Wet places. 200-1,210 m

+ ***Phyllostachys aurea*** Carrière. ex Revière & Revière - G rhiz - E-As. - P/NAT - R. Along watercourses and hedges. 300-500 m

First report: Galasso & al. 2023b.

Note: this species was previously mistaken with *Bambusa vulgaris* Schrad. ex J. C. Wendl.

Poa angustifolia L. - H caesp - Euro-Cauc. - R. Clearings, garrigues, rocks. 1,000-1,350 m

Poa annua L. - T caesp - Cosmop. - S. Grasslands, fallow land, clearings, wet places. 164-1,250 m

Poa balbisi Parl. - H caesp - Endem. Sa Co - C. Rocks, garrigues. 1,050-1,340 m

Poa bulbosa L. subsp. ***bulbosa*** - H caesp - Paleotemp. - C. Rocks, sandy soils, garrigues, scrublands. 165-1,340 m

Poa compressa L. - H caesp - Circumbor. - R. Grasslands, roadsides. 1,200-1,340 m

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

Poa nemoralis L. subsp. ***nemoralis*** - H caesp - Circumbor. - R. Woodlands. 950-1,270 m

Poa pratensis L. subsp. ***pratensis*** - H caesp - Circumbor. - S. Scrublands, clearings, grasslands. 165-1,335 m

Poa sylvicola Guss. - H caesp - Euri-Medit. - R. Woodlands. 500-1,050 m

Poa trivialis L. - H caesp - Euras. - C. Grasslands, scrublands, clearings, roadsides. 165-1,300 m

Polypogon monspeliensis (L.) Desf. - T scap - Paleosubtrop. - S. Wet places. 164-1,030 m

Polypogon viridis (Gouan) Breistr. subsp. **viridis** - H caesp - Paleosubtrop. - S. Wet places. 200-1,210 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 subsp. **viridis** (L.) Beauv. - T scap - Paleotemp. - R. Fallow land, roadsides, grasslands. 200-550 m

Setaria pumila (Poir.) Roem. & Schult. subsp. *pumila* - 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

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 - Circum-Medit. - C. Grasslands, scrublands, roadsides, scarps. 165-800 m

§ *Trisetum burnoufii* Req. ex Parl. - H scap - Endem. Sa Co AT - R. Clearings, scrublands. 500-1,060 m

Note: new combination for *Trisetaria burnoufii* (Req. ex Parl.) Banfi & Soldano.

§ *Trisetum gracile* (Moris) Boiss. - H caesp - Endem. Sa Co - C. Garrigues, sandy soils, rocks. 950-1,355 m

Note: new combination for *Trisetaria gracilis* (Req. ex Parl.) Banfi & Arrigoni.

Triticum neglectum (Req. ex Bertol.) Greuter - T scap - Medit-Turan. - S. Grasslands, roadsides, scrublands, woodlands. 165-1,030 m

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

Triticum turgidum 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. 165-1,080 m

Ranunculales

Ranunculaceae

Anemone hortensis L. subsp. **hortensis** - 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. 650-1,340 m

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

Clematis vitalba L. - P lian - Euro-Cauc. - C. Woodlands, streams, scrublands, walls. 165-1,335 m

Ficaria verna Huds. subsp. **verna** - G bulb - Euras. - C. Wet places, scrublands, clearings. 164-1,300 m

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. 450-1,300 m

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

Ranunculus chius DC. - T scap - E-Medit. - RR. Wet meadows, woodlands. 500-1,210 m

Ranunculus cordiger subsp. ***diffusus*** (Moris) Arrigoni - H scap - Endem. Sa - R. Wet meadows, ponds, springs. 164-1,300 m

* ***Ranunculus macrophyllus*** Desf. - H scap - SW-Medit. - S. Wet places, woodlands. 200-1,250 m

Note: we found new growing stations that enlarge upwards the elevational range of the taxon on the mountain.

Ranunculus muricatus L. - T scap - Euri-Medit. - S. Grasslands, woodlands, fallow land, roadsides. 165-1,250 m

Ranunculus ophyoglossifolius Vill. - T scap - Euri-Medit. - S. Streams, ponds. 164-1,100 m

Ranunculus paludosus Poir. - H scap - Medit-Turan. - C. Grasslands, garrigues, sandy soils, wet places, scrublands, woodlands. 165-1,340 m

Ranunculus parviflorus L. - T scap - Medit-Atl. - S. Woodlands, scrublands. 250-1,060 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. 200-1,050 m

Ranunculus revelieri Boreau - T scap - Subendem. Sa Co Ga - S. Wet places. 164-1,300 m

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

Ranunculus sardous Crantz - T scap - Euri-Medit. - C. Wet places, grasslands. 164-1,300 m

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

Ranunculus velutinus Ten. - H scap - N-Medit. - R. Wet woodlands. 400-1,060 m

Papaveraceae

+ ***Fumaria agraria*** Lag. - T scap - Circum-Medit. - R. Roadsides, fallow land, ruderal, grasslands. 170-350 m

Note: we found this species on the southern slopes of the mountain.

+ ***Fumaria bastardii*** Boreau - T scap - Subatl. - R. Roadsides, fallow land, ruderal, grasslands. 170-450 m

Note: we found this species on the southern slopes of the mountain.

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

Fumaria capreolata L. subsp. ***capreolata*** - T scap - Euri-Medit. - C. Grasslands, fallow land, rocks, ruderal, roadsides, scrublands, woodlands. 164-1,350 m

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

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

Fumaria officinalis L. subsp. ***officinalis*** - T scap - Paleotemp. - S. Grasslands, fallow land, ruderal, rocks. 164-1,050 m

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

Papaver pinnatifidum Moris - T scap - Circum-Medit. - S. Grasslands, scrublands, sandy soils, scarps. 164-1,300 m

Papaver rhoeas L. subsp. ***rhoeas*** - T scap - E-Medit. - C. Grasslands, fields, fallow land, clearings, scrublands. 164-1,300 m

Papaver setigerum DC. - T scap - W-Medit. - S. Scarps, roadsides, fallow land, woodlands. 165-1,250 m

§ ***Roemeria hybrida*** (L.) DC. subsp. ***hybrida*** - T scap - Medit-Turan. - R. Grasslands, fallow land, roadsides. 165-1,250 m

Note: new combination for *Papaver hybridum* L.

Saxifragales

Paeoniaceae

Paeonia corsica Sieber ex Tausch - G rhiz - Endem. Sa Co - R. Rocks, woodlands, scrublands, grasslands. 900-1,300 m

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. 164-1,030 m

Petrosedum rupestre (L.) P. V. Heath - Ch succ - Europ-Atl. - R. Rocks, scarps, walls. 170-530 m

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

Phedimus stellatus (L.) Raf. - T scap - Circum-Medit. - S. Rocks, sandy soils, scarps, walls. 165-1,100 m

Sedum acre L. - Ch succ - Euro-Cauc. - A/NAT - R. Roadsides, garrigues, rocks, scarps, walls. 500-1,250 m

§ **Sedum album** subsp. **micranthum** (Bast. Ex DC.) Syme - Ch succ - Euri-Medit. - S. Rocks, garrigues, clearings. 700-1,350 m

Note: new combination of *Sedum album* L.

Sedum andegavense (DC.) Desv. - T scap - W-Medit. - S. Rocks, sandy soils. 165-1,330 m

Sedum caeruleum L. - T scap - SW-Medit. - CC. Rocks, sandy soils. 164-1,350 m

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

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

Sedum dasyphyllum subsp. **glanduliferum** (Guss.) Nyman - Ch succ - Euri-Medit. - C. Rocks, garrigues, scarps. 800-1,355 m

§ **Sedum glandulosum** Moris - T scap - Endem. Sa (Co) It - S. Wet meadows, sandy soils, ponds, garrigues, rocks. 800-1,350 m

Notes: in the light of what reported by Fois & al. (2022), we attribute all the plants found on the mountain, previously considered as *Sedum villosum* L., to *S. glandulosum* only. The presence of this taxon in North-Africa was excluded by González (2001).

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

– **Sedum villosum** L. - H scap - Euri-Medit.

Note: see note above (*Sedum glandulosum* Moris).

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

Umbilicus rupestris (Salisb.) Dandy - G bulb - Medit-Atl. - C. Rocks, woodlands, walls. 165-1,350 m

Haloragaceae

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

Grossulariaceae

Ribes multiflorum subsp. **sandalioticum** Arrigoni - NP - Endem. Sa - S. Rocks, scarps, woodlands. 1,030-1,350 m

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. 900-1,355 m

Polygonaceae

Fallopia convolvulus (L.) Á. Löve - T lian - Euras. - RR. Sandy soils, wet woodlands. 500-1,060 m

+ **Fallopia dumetorum** (L.) Holub - T Scap - Eurosib. - A/CAS - RR. Roadsides, woodland edges. 350-400 m

Note: we found this species on the southern slopes of the mountain.

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

Note: we did not specify the subspecies growing in the study area.

Persicaria maculosa (L.) Gray - T scap - Paleotemp. - S. Wet places. 164-1,100 m

Polygonum arenastrum Boreau - T rept - Euras. - S. Sandy soils, fallow land. 164-1,200 m

Polygonum aviculare L. subsp. **aviculare** - T rept - Cosmop. - C. Sandy soils, roadsides, fallow land, grasslands. 160-1,300 m

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 subsp. **pyrenaicus** (Pourr. ex Lapeyr.) Akeroyd - H scap - Subcosmop. - C. Grasslands, sandy soils, rocks, woodlands, garrigues. 200-1,340 m

Rumex bucephalophorus L. - T scap - Medit-Macaron. - C. Grasslands, sandy soils, garrigues, rocks. 164-1,280 m

Note: we did not specify the subspecies growing in the study area.

Rumex conglomeratus Murray - H scap - Euras. - R. Wet places, woodlands. 165-1,060 m

Rumex crispus L. - H scap - Euras. - S. Wet places, sandy soils, grasslands. 164-1,250 m

§ **Rumex obtusifolius** L. subsp. **obtusifolius** - H scap - Subcosmop. - S. Wet places, grasslands, clearings. 400-1,050 m

Note: we defined the subspecies found in the study area.

Rumex pulcher L. subsp. **pulcher** - H scap - Euri-Medit. - C. Fallow land, grasslands, roadsides, ruderal. 164-1,250 m

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

Rumex pulcher subsp. **woodsii** (De Not.) Arcang. - H scap - Euri-Medit. - R. Grasslands, clearings. 250-1,050 m

Rumex sanguineus L. - H scap - Euro-Cauc. - R. Wet woodlands. 450-1,060 m

Rumex scutatus subsp. **glaucescens** (Guss.) Brullo, Scelsi & Spamp. - H scap - Endem. Sa Si - S. Rocks, woodlands, scrublands, sandy soils. 200-1,330 m

Rumex thyrsoides Desf. - H scap - W-Medit. - C. Grasslands, fallow land, scrublands, rocks. 164-1,300 m

Caryophyllaceae

Arenaria balearica L. - Ch suffr - Subendem. Sa Co AT BI - C. Shady rocks. 585-1,350 m

Arenaria leptoclados (Rechb.) Guss. subsp. **leptoclados** - T scap - Paleotemp. - R. Scarps, rocks, roadsides. 650-1,355 m

Cerastium diffusum Pers. subsp. **diffusum** - T scap - Medit-Atl. - S. Grasslands, sandy soils, woodlands. 164-1,330 m

Cerastium glomeratum Thuill. - T scap - Subcosmop. - C. Ruderal, grasslands, fallow land, woodlands, wet meadows, roadsides. 164-1,330 m

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

* *Cerastium semidecandrum* L. - T scap - Cosmop. - R. Grasslands, fallow land, ruderal, roadsides. 200-1,100 m

Notes: we found new growing stations that enlarge upwards the elevational range of the taxon on the mountain.

Cerastium tomentosum L. - Ch suffr - Endem. It - P/CAS - RR. Walls, roadsides. 600-660 m

Corrigiola litoralis L. subsp. ***litoralis*** - T scap - Euri-Medit. - R. Sandy soils, grasslands, roadsides. 160-1,320 m

Corrigiola telephiifolia Pourr. - H ros - W-Medit. - S. Sandy soils, grasslands, roadsides. 164-1,100 m

Eudianthe laeta Rchb. ex Willk. - T scap - SW-Medit. - C. Wet places, woodlands, rocks. 164-1,100 m

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

Illecebrum verticillatum L. - T scap - Subatl. - S. Wet meadows, ponds, lakes. 164-1,030 m

Moenchia erecta (L.) G. Gaertn., B. Mey. & Scherb. subsp. ***erecta*** - T scap - Medit-Atl. - R. Wet meadows, sandy soils, scrublands. 200-1,300 m

Moenchia erecta subsp. ***octandra*** (Ziz. ex W. D. J. Koch) Gürke & Coutinho - T scap - Circum-Medit. - S. Grasslands, scrublands, clearings, wet places. 164-1,340 m

Paronychia echinulata Chater - T scap - Circum-Medit. - C. Sandy soils, grasslands, rocks, garrigues. 164-1,340 m

Petrorhagia dubia (Raf.) G. López & Romo - T scap - Circum-Medit. - C. Grasslands, sandy soils, rocks, scrublands, clearings. 164-1,340 m

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. 164-1,100 m

Petrorhagia saxifraga subsp. ***gasparrinii*** (Guss.) Greuter & Burdet - H caesp - Endem. Sa Co Si It - R. Sandy soils, rocks, open woodlands. 165-850 m

Polycarpon tetraphyllum subsp. ***diphyllum*** (Cav.) O. Bolòs & Font Quer - T scap - Circum-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. 164-1,060 m

Sagina alexandrae Iamonico - H rept - Subatl. - C. Wet meadows, sandy soils, garrigues, rocks. 500-1,350 m

Sagina apetala Ard. - T scap - Euri-Medit. - S. - Grasslands, sandy soils, fallow land, scrublands. 170-1,150 m

Sagina procumbens L. - H rept - Subcosmop. - S. Streams, springs, wet rocks. 200-1,050 m

Saponaria officinalis L. - H scap - Eurosib. - R. Wet places, scrublands, garrigues, grasslands, roadsides. 200-1,265 m

Scleranthus polycarpus L. - T scap - Medit-Atl. - S. Sandy soils, rocks, clearings, garrigues. 900-1,340 m

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. 164-1,340 m

Silene latifolia Poir. - H bienn - Circum-Medit. - C. Scrublands, fallow land, grasslands, woodlands. 165-1,330 m

Silene nocturna L. - T scap - Medit-Macaron. - R. Woodlands, roadsides, ruderal. 200-870 m

Note: we did not specify the subspecies growing in the study area.

Silene nodulosa Viv. - Ch suffr - Endem. Sa Co - C. Rocks, garrigues, scarps. 700-1,350 m

Silene vulgaris (Moench) Garcke subsp. ***vulgaris*** - H scap - Subcosmop. - C. Ruderal, grasslands, roadsides, fallow land, scrublands, woodlands. 165-1,300 m

Spergula arvensis L. - T scap - Subcosmop. - C. Grasslands, pastures, rocks, garrigues, wet places. 160-1,300 m

Spergula pentandra L. - T scap - Medit-Atl. - R. Sandy soils, garrigues, scrublands. 600-800 m

Spergularia rubra (L.) J. Presl. & C. Presl. - Ch suffr - Subcosmop. - C. Grasslands, sandy soils, rocks, roadsides, fallow land, garrigues. 164-1,350 m

Stellaria media (L.) Vill. subsp. ***media*** - T rept - Cosmop. - C. Grasslands, fallow land, woodlands, wet meadows, roadsides, ruderal. 164-1,300 m

Stellaria neglecta Weihe subsp. ***neglecta*** - T scap - Paleotemp. - R. Fallow land, roadsides, woodlands. 165-1,350 m

Stellaria pallida (Dumort.) Crép. - T scap - Paleotemp. - S. Woodlands, scrublands, rocks. 200-1,200 m

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 - R. Scarps, sandy soils, stony places. 190-500 m

Note: in summer 2023 we found new growing stations that enlarge the distribution of the taxon on the study area.

Amaranthus deflexus L. - H scap - S-Amer. - A/NAT - S. Fallow land, roadsides, ruderal, sandy soils, walls, industrial areas. 164-1,050 m

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

Amaranthus hybridus subsp. ***cruentus*** (L.) Thell. - T scap - N-Amer. - A/NAT - R. Fallow land, roadsides. 165-500 m

Note: new combination for *A. cruentus* L.

Amaranthus retroflexus L. - T scap - N-Amer. - A/NAT - S. Fallow land, roadsides. 160-1,080 m

Atriplex patula L. - T scap - Subcosmop. - S. Grasslands, sandy soils, ruderal, roadsides, wet meadows. 160-1,300 m

Beta vulgaris L. subsp. ***vulgaris*** - H scap - Eur-Medit. - A/NAT - S. Fallow land, roadsides, disturbed places, ruderal. 164-1,250 m

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

Chenopodium album L. subsp. ***album*** - T scap - Subcosmop. - S. Ruderal, roadsides, fallow land, vineyards, pastures. 164-1,320 m

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. 160-1,060 m

+ ***Dysphania botrys*** (L.) Mosyakin & Clemants - T scap - Euras. - R. Sands, lake Coghinas shores. 160-165 m

Note: from the summer 2022, we found plants of this species in several places at the southern border of the study area.

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

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 anacantha* Speg. - P succ - Amer. - P/CAS - RR. Scarps, walls. 200-250 m

First record: Galasso & al. (2022).

* *Opuntia ficus-indica* (L.) Mill. - P succ - A/NAT - S. Rocks, scarps, walls, ruderal, fallow land. 165-550 m

Note: we found new growing stations that allowed us to enlarge upwards its distribution on the study area.

* *Opuntia monacantha* Haw. P succ - Neotrop. P/NAT - R. Scarps, roadsides, ruderal. 200-350 m

Note: we found new growing stations where the species is clearly naturalized (we previously considered it as CAS in the study area).

Montiaceae

Montia arvensis Wallr. - T scap - Subatl. - S. Wet places, rocks. 164-1,300 m

Montia hallii (A. Gray) Green - T scap - Subatl. - R. Wet meadows, ponds, springs. 1,100-1,340 m

Portulacaceae

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

Vitales

Vitaceae

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

Note: several undefined *Vitis* cultivars were once planted and are currently spreading in many parts of the study area, mostly along roadsides, hedges, walls, fallow land, abandoned human settlements, scarps, from 200 to 1,200 m a.s.l.

Malpighiales

Hypericaceae

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

Hypericum australe Ten. - H scap - W-Medit. - C. Scrublands, garrigues, wet meadows, rocks. 165-1,330 m

Hypericum hircinum L. subsp. *hircinum* - NP - Endem. Sa Co AT - C. Wet places, rocks. 170-1,300 m

Hypericum perforatum subsp. *veronense* (Schränk) Ces. - H scap - Paleotemp. - C. Grasslands, garrigues, clearings, scrublands, rocks, roadsides. 165-1,330 m

Hypericum tetrapterum Fries. - H scap - Paleotemp. - S. Wet places. 350-1,300 m

Meliaceae

+ *Melia azedarach* L. - P scap - As. - P/CAS - RR. 200-300 m

Note: a few young trees and several saplings grow in the surroundings of Berchidda.

Euphorbiaceae

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

Euphorbia characias L. - NP - Circum-Medit. - C. Rocks, scrublands, ruderal, open woodlands. 164-1,150 m

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

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

§ ***Euphorbia gayi*** Salis - G rhiz - Endem. Sa Co - RR. Garrigues, wet meadows. 980-1,000 m

Note: the chorology of this species has been recently reviewed by Fois & al. (2022) and it is now considered a Sardinian-Corsican endemic.

Euphorbia helioscopia L. subsp. ***helioscopia*** - T scap - Cosmop. - C. Grasslands, fallow land, scrublands, roadsides, ruderal. 164-1,250 m

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. 160-1,060 m

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

Euphorbia pithyusa subsp. ***cupanii*** (Guss. & Bertol.) Radcl.-Sm. - NP - Endem. Sa Co Si - R. Wet meadows, scrublands, roadsides. 164-1,050 m

Euphorbia prostrata Aiton - T rept - N-Amer. - A/NAT - R. Roadsides, ruderal, gardens, fallow land. 200-1,060 m

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

Euphorbia segetalis L. - H scap - W-Medit - RR. Roadsides. 600-610 m

Euphorbia semiperfoliata Viv. - H bienn - Endem. Sa Co - R. Rocks, wet woodlands. 450-1,230 m

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

Violaceae

Viola alba subsp. ***dehnhardtii*** (Ten.) W. Becker - H ros - Euri-Medit. - C. Woodlands, scrublands. 165-1,320 m

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

Viola canina L. - H scap - Euras. - S. Woodlands, scrublands, garrigues, rocks. 500-1,330 m

Viola corsica subsp. ***limbarae*** Merxm. & Lippert - H scap - Endem. Sa - C. Garrigues, rocks, scrublands, scarps, clearings. 950-1,350 m

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

+ ***Viola reichenbachiana*** Jord. ex Boreau - H scap - Eurosib. - R. Woodlands. 450-1,000 m

First report: Veri & Bruno 1974

Note: the species is rare but present in the northern parts of the mountain, where we previously confused it with other congeneric taxa.

Viola riviniana Rchb. - H scap - Europ. - C. Woodlands, scrublands, reforestations, garrigues. 300-1,320 m

Elatinaceae

+ ***Elatine hexandra*** (Lapierre) DC. - T scap - Subatl. - R. Wet places. 480-550 m

First report: Bartolucci & al. (2022).

Salicaceae

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

* ***Populus nigra*** L. subsp. *nigra* - P scap - Paleotemp. - P/NAT - R. Wet places, scrublands. 200-1,300 m

Notes: we found full growing trees in different areas of the study area, even close to the tops of the mountain (we previously considered it CAS in the study area).

* ***Populus tremula*** L. - P scap - Eurosib. - R. Woodlands, rocks, streams. 730-1,080 m

Note: we found new growing stations, defining the complete distribution and altitudinal range of the species on the mountain.

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

Salix atrocinerea Brot. subsp. *atrocinerea* - P caesp - W-Medit. Atl. - C. Wet places, woodlands, scrublands, rocks. 164-1,300 m

§ ***Salix fragilis*** L. - P scap - Euras. - S. Wet places. 164-800 m

Notes: in the absence of specific studies providing evidence of the species' naturalized status in Sardinia, we are currently classifying it as native in the study area and other locations in Sardinia. The inconsistency of the prior treatment of this taxon as a hybrid between *S. alba* and *S. euxina* I. V. Balyaeva has been demonstrated by Marchenko & Kuzovkina (2022).

Salix purpurea L. subsp. *purpurea* - P caesp - Euras. - S. Wet places. 163-1,060 m

Linaceae

Linum radiola L. - T scap - Paleotemp. - S. Wet places. 290-1,330 m

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

Linum trigynum L. - T scap - Euri-Medit. - C. Grasslands, scrublands, garrigues, woodlands, rocks. 164-1,300 m

Linum usitatissimum subsp. *angustifolium* (Huds.) Thell. - H bienn - Euri-Medit. - C. Grasslands, scrublands, garrigues, woodlands. 164-1,220 m

Oxalidales

Oxalidaceae

Oxalis articulata Savigny - G rhiz - S-Amer. - P/NAT - S. Fallow land, roadsides, grasslands. 165-1,060 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/INV - S. Fallow land, roadsides, grasslands, woodlands, ruderal. 165-600 m

Note: in the last few years, the taxon has become invasive on the southern part of the area, especially around Berchidda.

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 - Circum-Medit. - RR. Scrublands. 170-180 m

Anthyllis vulneraria 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, clearings, roadsides, ruderal. 200-350 m

Note: we found new growing stations that enlarge the distribution of this taxon in the study area.

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

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

Cytisus laniger DC. - P caesp - Circum-Medit. - C. Scrublands, clearings, woodlands. 164-950 m

Cytisus scoparius (L.) Link subsp. *scoparius* - P caesp - Europ. - P/INV - C. Scrublands, clearings, reforestations, garrigues, rocks, roadsides. 600-1,330 m

Cytisus villosus Pourr. - P caesp - C-W Medit. - C. Scrublands, woodlands, garrigues. 165-1,200 m

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

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

§ *Ervum gracile* DC. - T scap - Euri-Medit. - R. Grasslands, roadsides, scarps, scrublands. 250-500 m

Note: we report here the previous records of *Vicia parviflora* Cav.

Genista corsica (Loisel.) DC. - NP - Endem. Sa Co - C. Garrigues, scrublands, rocks, clearings. 300-1,350 m

Genista etnensis (Raf.) DC. - P scap - Endem. Sa Co Si - RR. Scrublands, streams, roadsides. 200-1,000 m

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

§ *Genista salzmännii* subsp. **limbarae** Bacch., Brullo & Giusso - NP- Endem. Sa - C. Garrigues, scrublands, rocky places. 750-1,355 m

Note: the taxon has been recently described and its *locus classicus* is on the Limbara massif (Bacchetta & al. 2020), where it is mostly confined to the upper parts of the mountain.

Lathyrus angulatus L. - T scap - W-Medit. - S. Grasslands, sandy soils. 165-1,000 m

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

Lathyrus cicera L. - T scap - Euri-Medit. - C. Grasslands, roadsides, scrublands. 164-1,280 m

Lathyrus clymenum L. - T scap - Circum-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. 250-1,300 m

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

Lathyrus oleraceus subsp. **biflorus** (Raf.) H. Schaef., 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. 400-1,330 m

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

Lotus angustissimus L. - T scap - Euri-Medit. - C. Grasslands, ponds, wet meadows. 164-1,330 m

Lotus conimbricensis Brot. - T scap - W-Medit. - S. Sandy soils, wet places. 164-1,050 m

Lotus cytisoides L. - H scap - Circum-Medit. - R. Sandy soils, grasslands, roadsides, fallow land. 200-1,060 m

Lotus edulis L. - T scap - Circum-Medit. - C. Grasslands, scarps, scrublands, woodlands, rocks, wet places. 164-900 m

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

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

Lotus parviflorus Desf. - T scap - Circum-Medit. - R. Sandy soils, garrigues, grasslands, rocks, wet woodlands, ponds. 250-1,300 m

Lotus pedunculatus Cav. - H scap - Paleotemp. - R. Wet meadows, grasslands, garrigues. 460-1,100 m

Lotus rectus L. - H scap - Circum-Medit. - C. Streams, springs. 165-990 m

Lotus tenuis Waldst. & Kit ex Willd. - H caesp - Paleotemp. - RR. Sandy soils, wet meadows. 1000-1,050 m

Lotus tetragonolobus L. - T scap - Circum-Medit. - RRR. Roadsides. 200-250 m

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

Lupinus gussoneanus Agardh - T scap - Circum-Medit. - C. Grasslands, scrublands, woodlands. 164-1,250 m

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. 164-1,060 m

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

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

Medicago intertexta (L.) Mill. - T scap - W-Medit. Macaron. - R. Grasslands, roadsides. 550-1,060 m

Medicago lupulina L. - T scap - Paleotemp. - R. Grasslands, roadsides, clearings. 1,000-1,100 m

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

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

Medicago orbicularis (L.) Bartal. - T scap - Euri-Medit. - S. Fallow land, grasslands. 164-1,250 m

Medicago polymorpha L. - T scap - Subcosmop. - C. Grasslands, fallow land, roadsides, woodlands, scrublands. 164-1,060 m

Medicago praecox DC. - T scap - Circum-Medit. - R. Wet meadows, grasslands. 164-500 m

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 - Circum-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. 164-1,330 m

Ornithopus perpusillus L. - T scap - Medit-Atl. - R. Sandy soils, clearings, grasslands. 1,040-1,280 m

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. 200-1,135 m

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

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

* *Trifolium angustifolium* L. subsp. *angustifolium* - T scap - Euri-Medit. - C. Grasslands, scrublands, woodlands. 165-1,210 m

Note: we found new growing stations that enlarge upwards the elevational range of the taxon on the mountain.

Trifolium arvense L. subsp. *arvense* - T scap - Paleotemp. - C. Grasslands, scrublands, woodlands, fallow land. 164-1,280 m

Trifolium bocconeii Savi - T scap - Circum-Medit. - R. Grasslands, clearings, scrublands. 250-700 m

* *Trifolium campestre* Schreb. - T scap - Paleotemp. - C. Grasslands, fallow land, woodlands, wet places. 164-1,210 m

Note: we found new growing stations that enlarge upwards the elevational range of the taxon on the mountain.

* *Trifolium cherleri* L. - T scap - Euri-Medit. - S. Grasslands, sandy soils, scarps, roadsides, scrublands. 164-1,210 m

Note: we found new growing stations that enlarge upwards the elevational range of the taxon on the mountain.

Trifolium fragiferum L. - H rept - Paleotemp. - RR. Roadsides, scrublands, grasslands. 400-1,260 m

Trifolium glomeratum L. subsp. *fragiferum* - T scap - Euri-Medit. - S. Grasslands, scrublands, roadsides. 165-870 m

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

Trifolium incarnatum subsp. *molinerii* (Balb. ex Hornem.) Ces. - T scap - Euri-Medit. - S. Grasslands, scrublands, scarps, roadsides. 164-1,000 m

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

Trifolium ligusticum Loisel. - T scap - Circum-Medit. - S. Scrublands, woodlands, grasslands. 250-1,150 m

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. 500-1,340 m

Trifolium nigrescens Viv. subsp. *nigrescens* - T scap - Euri-Medit. - C. Grasslands, scrublands, roadsides, fallow land. 165-1,250 m

Trifolium pratense L. subsp. *pratense* - H scap - Eurosib. - C. Grasslands, garrigues, woodlands, roadsides. 164-1,300 m

Trifolium repens L. - H rept - Paleotemp. - C. Wet places, woodlands, scrublands, grasslands. 164-1,300 m

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 - Circum-Medit. - R. Fallow land, grasslands, roadsides. 200-450 m

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. 164-1,200 m

Trifolium striatum L. subsp. *striatum* - T scap - Paleotemp. - S. Scrublands, grasslands, garrigues, clearings. 200-900 m

Trifolium striatum subsp. *tenuiflorum* (Ten.) Arcang. - T scap - Eurosib. - RR. Grasslands. 1,030-1,050 m

Trifolium strictum L. - T scap - Euri-Medit. - R. Wet meadows, grasslands, scrublands. 164-1,060 m

Trifolium subterraneum L. - T rept - Euri-Medit. - C. Grasslands, scrublands, clearings, garrigues. 165-1,330 m

Note: we did not specify the subspecies growing in the study area.

Trifolium tomentosum L. - T rept - Paleotemp. - S. Grasslands, roadsides, fallow land, scrublands. 164-1,100 m

Trifolium vesiculosum Savi - T scap - N-Medit. - RR. Clearings, fields, roadsides. 170-1,060 m

Trigonella alba (Medik.) Coulot & Rabaute - T scap - Euras. - R. Roadsides, clearings, grasslands. 600-1,210 m

Trigonella smalii Coulot & Rabaute - T scap - Circum-Medit. - RR. Roadsides, grasslands, clearings. 1000-1,250 m

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

+ *Ulex europaeus* L. subsp. *europaeus* - P caesp - Subatl. - A/NAT - RR. Roadsides. 990-1,000 m

Note: in September 2023 we found a bush and two seedlings along a forestry road in the central area of the mountain.

Vicia angustifolia L. - T scap - Cosmop. - C. Grasslands, fallow land, roadsides, scrublands. 165-1,300 m

Vicia benghalensis L. - T scap - Circum-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. 165-1,250 m

Vicia dasycarpa Ten. - T scap - Euri-Medit. - C. Grasslands, fallow land, scrublands, roadsides. 165-1,250 m

Vicia disperma DC. - T scap - W-Medit. - C. Scrublands, grasslands, fallow land. 165-1,300 m

Vicia faba L. - T scap - ? - P/CAS - RR. Fields, grasslands, fallow land, roadsides. 165-1,010 m
Vicia hybrida L. - T scap - Euri-Medit. - R. Scrublands, roadsides, fallow land. 164-1,250 m
Vicia lathyroides L. - T scap - Euri-Medit. - C. Grasslands, scrublands, garrigues, roadsides. 164-1,200 m
Vicia lutea L. - T scap - Euri-Medit. - S. Grasslands, scrublands, roadsides. 165-1,250 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 peregrina L. - T scap - Medit-Turan. - R. Scrublands, garrigues, woodlands. 900-1,330 m
Vicia sativa L. - T scap - Cosmop. - S. Fallow land, ruderal, roadsides, scrublands. 164-600 m
Vicia tenuifolia Roth subsp. *tenuifolia* - H scap - Euras. - RR. Roadsides, garrigues. 1,200-1,250 m
Vicia villosa Roth - T scap - Euri-Medit. - R. Roadsides, fallow land, grasslands. 200-1,250 m

Polygalaceae

Polygala vulgaris L. subsp. *vulgaris* - H scap - Euras. - C. Scrublands, woodlands, garrigues, grasslands. 416-1,340 m

Rosales

Rhamnaceae

* *Rhamnus alaternus* L. subsp. *alaternus* - P caesp - Circum-Medit. - C. Scrublands, woodlands, scarps. 165-1,070 m

Note: new findings testify that the species is shifting uphill on southern exposures.

Cannabaceae

Celtis australis L. subsp. *australis* - P scap - Euri-Medit. - P/CAS - R. Roadsides, fallow land, ruderal. 200-600 m

Ulmaceae

* *Ulmus minor* Mill. subsp. *minor* - P scap - Euro-Cauc. - P/NAT - R. Fallow land, roadsides, scrublands, ruderal. 200-1,050 m

Note: we found numerous growing stations, where the species is clearly naturalized (we previously considered it CAS in the study area).

Ulmus pumila L. - P scap - As. - P/CAS - RR. Ruderal, hedges, roadsides. 170-650 m

Rosaceae

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

Amelanchier ovalis Medik. - P caesp - Circum-Medit. Mont. - S. Rocks, garrigues, scrublands, clearings, roadsides. 850-1,355 m

Aphanes floribunda (Murb.) Rothm. - T scap - Circum-Medit. - S. Grasslands, garrigues, woodlands, sandy soils, rocks. 165-1,300 m

Aphanes pusilla (Pomel) Batt. - T scap - W-Medit. - R. Grasslands, garrigues. 750-1,250 m

Crataegus monogyna Jacq. - P caesp - Paleotemp. - C. Scrublands, woodlands, rocks. 165-1,350 m

+ *Fragaria vesca* L. subsp. *vesca* - H rept - Euras. - R. - Woodlands, clearings, railroads. 500-600 m

First report: Arrigoni (2010)

Note: during the spring 2023, we have found the species where it was previously reported by Arrigoni (2010).

Fragaria viridis Weston subsp. *viridis* - H rept - Eurosib. - P/NAT - R. Clearings, scrublands, roadsides, garrigues. 900-1,215 m

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

* *Malus domestica* (Borkh.) Borkh. - P scap - Caucas. - A/NAT - S. Roadsides, scrublands, clearings. 500-1,300 m

Note: in many sites where the taxon is now locally diffuse, the origin of the plants is often not dependent on plantation, but more frequently on dispersion of seeds.

+ *Malus sylvestris* (L.) Mill. - P scap - Euro-Caucas. - RR. Woodlands. 700-1000 m

Note: we found a few scattered trees of this taxon growing in *Quercus ilex* woodlands of the northern sector.

Potentilla crassinervia Viv. - Ch suffr - Endem. Sa Co - R. Rocks. 1,150-1,350 m

Potentilla micrantha Ramond ex DC. - H ros - Euri-Medit. - C. Woodlands, garrigues, scrublands, springs, walls. 600-1,340 m

Potentilla recta L. subsp. *recta* - 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. 164-1,340 m

+ *Poterium sanguisorba* subsp. *balearicum* (Bourg. ex Nyman) Stace - H scap - Europ. - R. Scrublands, sandy places. 250-700 m

Note: we found this taxon in some sites of the southern side of mountain, especially on more arid places.

Poterium sanguisorba L. subsp. *sanguisorba* - H scap - Paleotemp. - C. Scrublands, grasslands, garrigues, woodlands, rocks, roadsides. 164-1,350 m

Prunus avium (L.) L. - P scap - Euro-Cauc. - P/NAT - R. Wet woodlands, scrublands. 550-1,300 m

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

Prunus dulcis (Mill.) D. A. Webb - P scap - S-Medit. Pont. - P/CAS - S. Fallow land, ruderal, wooded pastures, hedges, roadsides. 200-1,050 m

Prunus persica (L.) Batsch - P caesp - E-As. - A/CAS - RR. Roadsides, fallow land. 200-1,300 m

Prunus spinosa L. subsp. *spinosa* - P caesp - Euro-Cauc. - C. Scrublands, hedges, clearings, rocks, garrigues. 164-1,320 m

Pyrus communis subsp. *pyraster* (L.) Ehrh. - P scap - Euro-Cauc. - RR. Scrublands, clearings. 900-1,300 m

Pyrus spinosa Forssk. - P scap - Circum-Medit. - C. Wooded pastures, scrublands, clearings, roadsides. 164-1,320 m

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

Rosa andegavensis Bastard - NP - Euras. - R. Rocks, garrigues, scrublands. 250-1,350 m

Rosa canina L. - NP - Paleotemp. - C. Scrublands, hedges, woodlands, rocks, walls, wet places. 165-1,300 m

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

Rosa elliptica Tausch - NP - C-Europ. - R. Scrublands, rocks. 350-1,300 m

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

Rosa sempervirens L. - NP - Circum-Medit. - C. Woodlands, scrublands, wet places, hedges. 164-1,250 m

Rosa serafini Viv. - NP - Circum-Medit. Mont. - C. Garrigues, rocks, scrublands. 900-1,350 m

Rosa sp. (hybrid cultivars) - NP - ? - P/CAS - R. Roadsides, hedges, ruderal. 250-1,050 m

Rubus limbarae Camarda - NP - Endem. Sa(?) - R. Reforestations, streams, clearings, roadsides. 1,040-1,080 m

Rubus ulmifolius Schott - P caesp - Euri-Medit. - CC. Woodlands, wet places, walls, rocks, ruderal, hedges, scrublands, paths. 164-1,350 m

+ *Sorbus domestica* L. - P scap - Euri-Medit. - P/CAS - RR. Fallow land, roadsides. 210-220 m

Note: close to an old and abandoned settlement, several young trees and saplings are growing all around two trees planted in the last century.

Sorbus graeca (Spach) Lodd. ex S. Schauer - P caesp - S-Europ - RR. Rocks. 1,150-1,200 m

* ***Sorbus torminalis*** (L.) Crantz. - P scap - Euro-Cauc. - R. Woodlands, scrublands, clearings, springs. 600-1,100 m

Note: we found new growing stations, which enlarged the elevational range of the species on the mountain.

Moraceae

Ficus carica L. - P scap - Medit-Turan. - C. Fallow land, wet places, ruderal, woodlands, rocks. 164-1,330 m

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. subsp. ***lusitanica*** - T rept - Circum-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. 170-1,050 m

Urtica dioica L. - H scap - Subcosmop. - S. Wet places, clearings, ruderal. 165-1,060 m

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

* ***Urtica pilulifera*** L. - T scap - Circum-Medit. - R. Fallow land, pastures, ruderal. 180-550 m

Note: new findings enlarged the elevational distribution of the species.

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. - R. Roadsides, fallow land. 170-250 m

Fagales

Betulaceae

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

Note: after more than 20 years from the first observation, the species can be considered locally naturalised in the area.

Alnus glutinosa (L.) Gaertn. - P scap - Paleotemp. - C. Wet places. 164-1,050 m

Corylus avellana L. - P scap - Euro-Cauc. - P/CAS - R. Reforestations, woodlands. 500-1,060 m

Fagaceae

Castanea sativa Miller - P scap - Europ. - P/NAT - S. Woodlands, reforestations. 500-1,200 m

* ***Fagus sylvatica*** L. subsp. ***sylvatica*** - P scap - Europ. - P/NAT - R. Reforestations, clearings, roadsides. 1,000-1,150 m

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

Quercus ilex L. - P scap - Circum-Medit. - CC. Woodlands, scrublands, rocks. 164-1,350 m

Quercus pubescens Willd. subsp. ***pubescens*** - P scap - Europ. - S. Woodlands, scrublands. 170-980 m

* ***Quercus suber*** L. - P scap - W-Medit. - CC. Woodlands, dehesas, scrublands, rocks. 164-1,135 m

Note: we found some trees growing at an unusual elevation, in the central part of the mountain.

* ***Quercus ×morisii*** Borzi - P scap - W-Medit. - RR. Cork oak woodlands. 230-700 m

Note: we found a new tree at a lower elevation than previously known.

Geraniales

Geraniaceae

Erodium botrys (Cav.) Bertol. - T scap - Circum-Medit. - S. Grasslands, sandy soils, fallow land, scrublands. 164-1,100 m

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. 1,250-1,280 m

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. 164-1,330 m

Geranium dissectum L. - T scap - Euras. - S. Scrublands, woodlands, grasslands. 164-1,250 m

Geranium lanuginosum Lam. - T scap - C-Medit. - R. Woodlands, clearings. 600-1,000 m

Geranium lucidum L. - T scap - Euri-Medit. - C. Woodlands, scrublands, grasslands, rocks, ruderal. 164-1,300 m

Geranium molle L. - T scap - Euras. - C. Grasslands, scrublands, woodlands, roadsides, fallow land. 164-1,340 m

Geranium purpureum Vill. - T scap - Euri-Medit. - C. Grasslands, scrublands, woodlands, rocks, scarps. 164-1,300 m

Geranium robertianum L. - T scap - Subcosmop. - S. Woodlands, wet places. 400-1,280 m

Geranium rotundifolium L. - T scap - Paleotemp. - S. Scrublands, scarps, rocks, grasslands, ruderal. 250-1,100 m

Geranium sanguineum L. - H scap - Euro-Cauc. - RR. Clearings in holm oak woodlands. 700-750 m

Myrtales

Onagraceae

Chamaenerion angustifolium (L.) Scop. - H scap - Circumbor. - R. Scrublands, rocks, clearings, garrigues, ruderal. 900-1,250 m

Epilobium hirsutum L. - H scap - Paleotemp. - S. Streams, lakes, springs. 164-1,210 m

Epilobium lanceolatum Seb. & Mauri - H scap - W-Europ. - S. Wet places, woodlands, rocks. 500-1,320 m

Epilobium montanum L. - H scap - Euras. - RR. Springs, wet meadows. 1,200-1,210 m

Epilobium obscurum Schreb. - H scap - Europ. - C. Wet woodlands, springs, streams. 164-1,320 m

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

Note: we did not specify the subspecies growing in the study area.

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

Note: during the summer 2023, we found another growing station where the species appears to become naturalised.

Lythraceae

Lythrum hyssopifolia L. - T scap - Subcosmop. - C. Wet places. 160-1,000 m

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

Middendorfia borysthenica (Schränk) Trautv. - T scap - Circum-Medit. - S. Wet places. 164-1,110 m

Peplis portula L. - T rept - Eurosib. - R. Wet meadows, ponds, clearings. 480-1,000 m

Myrtaceae

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

+ *Eucalyptus ×trabutii* H.Vilm. - P scap - Austral. - P/CAS - Scrublands, fallow land. 500-550 m

Notes: hybrid between *E. camaldulensis* Labill. and *E. botryoides* Sm. All around a huge tree planted close to an ancient shepherd' settlement many decades ago, several young trees and saplings currently grow. This is the first record of this taxon as an adventitious in Italy.

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

Brassicales

Resedaceae

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

Reseda lutea L. subsp. *lutea* - 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. 164-1,350 m

Brassicaceae

Arabidopsis thaliana (L.) Heynh. - T scap - Cosmop. - C. Grasslands, garrigues, scrublands, clearings, rocks, fallow land. 164-1,330 m

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

Barbarea rupicola Moris - Ch suffr - Endem. Sa Co - RR. Rocks, scarps, scrublands. 500-1,000 m

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

+ *Brassica napus* L. - H bienn - Euras. - A/NAT - S. Fields, fallow land, roadsides, ruderal. 200-1,290 m

Note: we found this species in different localities, mostly at lower elevations, but also on the top area.

Brassica rapa subsp. *campestris* (L.) A. R. Claphan - H bienn - Circum-Medit. - S. Fallow land, ruderal, grasslands, roadsides. 165-1,050 m

Bunias erucago L. - T scap - Euri-Medit. - C. Grasslands, fallow land, roadsides, ruderal, scrublands. 164-1,250 m

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

Capsella bursa-pastoris (L.) Medik. subsp. *bursa-pastoris* - H bienn - Cosmop. - C. Grasslands, fallow land, ruderal, roadsides, garrigues, woodlands. 164-1,330 m

Capsella rubella Reut. - T scap - Euri-Medit. - R. Grasslands, fallow land, roadsides, ruderal, woodlands. 300-1,100 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. 164-1,250 m

Draba verna subsp. *praecox* (Steven) Rouy & Foucaud - T scap - Circumbor. - C. Grasslands, sandy soils, rocks, woodlands. 164-1,330 m

Draba verna subsp. *spathulata* (Láng) Rouy & Foucaud - T scap - Circumbor. - R. Sandy soils, rocks, garrigues. 950-1,340 m

Draba verna L. subsp. *verna* - T scap - Circumbor. - R. Grasslands, sandy soils, scrublands. 165-1,210 m

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

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

Lepidium graminifolium L. subsp. ***graminifolium*** - 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

* *Matthiola incana* (L.) W.T.Allen subsp. *incana* - Ch suffr - Circum-Medit. - A/NAT - R. Walls, scarps. 180-350 m

Note: we found new growing stations of this species, that enlarged its distributional area on the study area.

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

Raphanus raphanistrum subsp. ***landra*** (Moretti ex DC.) Bonnier & Layens - T scap - Euri-Medit. - S. Roadsides, fallow land, grasslands, scrublands. 250-1,100 m

Raphanus raphanistrum L. subsp. ***raphanistrum*** - T scap - Euri-Medit. - C. Fallow land, grasslands, roadsides, ruderal, scrublands. 200-1,250 m

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

Note: we did not specify the subspecies growing in the study area.

Sisymbrium officinale (L.) Scop. - T scap - Paleotemp. - C. Grasslands, fallow land, roadsides. 165-1,050 m

Teesdalia coronopifolia (J. P. Bergeret) Thell. - T scap - Euri-Medit. - C. Grasslands, rocks, scrublands, garrigues, sandy soils. 164-1,340 m

Malvales

Thymelaeaceae

Daphne gnidium L. - P caesp - Medit-Macaron. - C. Scrublands, woodlands, rocks, garrigues. 164-1,200 m

Daphne laureola L. - P caesp - Subatl. - S. Woodlands, scrublands, rocks, garrigues. 1,000-1,300 m

Cistaceae

Cistus creticus subsp. ***eriocephalus*** (Viv.) Greuter & Burdet - NP - Circum-Medit. - C. Scrublands, garrigues, woodlands, scarps. 164-1,300 m

Cistus monspeliensis L. - NP - Medit-Macaron. - C. Scrublands, garrigues, woodlands, scarps. 164-1,250 m

Cistus salvifolius L. - NP - Circum-Medit. - C. Garrigues, rocks, scrublands, woodlands. 165-1,330 m

Fumana thymifolia (L.) Spach ex Webb - Ch suffr - Circum-Medit. - S. Garrigues, rocks, scrublands, open woodlands. 250-1,100 m

Halimium halimifolium (L.) Willk subsp. ***halimifolium*** - NP - W-Medit. - S. Scrublands, garrigues, rocks, scarps, open woodlands. 200-830 m

Helianthemum aegyptiacum (L.) Mill. - T scap - Medit-Turan. - S. Sandy soils, garrigues, rocks. 170-1,050 m

Tuberaria guttata (L.) Fourr. - T scap - Euri-Medit. - C. Grasslands, garrigues, rocks, woodlands. 164-1,300 m

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

Tuberaria lignosa (Sweet.) Samp. - Ch suffr - W-Medit. - C. Garrigues, scrublands, grasslands, clearings, sandy soils. 400-1,350 m

Malvaceae

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

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

Malva neglecta Wallr. - T scap - Paleotemp. - R. Grasslands, fallow land, roadsides. 170-1,210 m

Malva nicaeensis All. - T scap - Circum-Medit. - S. Grasslands, roadsides, fallow land. 300-1,030 m

Malva olbia (L.) Alef. - NP - Circum-Medit. - R. Scrublands, roadsides, scarps, grasslands, open woodlands. 170-1,025 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. 165-1,300 m

Cytinaceae

Cytinus hypocistis (L.) L. subsp. ***hypocistis*** - G rad - Medit-Macaron. - C. On *Cistus monspeliensis*, *C. salviifolius* and *Halimium halimifolium* roots. 165-1,050 m

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. 165-1,300 m

Thesiaceae

Thesium italicum A. DC. - H scap - Endem. Sa - S. Rocks, garrigues, scarps, scrublands. 950-1,350 m

Sapindales

Rutaceae

Ruta chalepensis L. - Ch suffr - Circum-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. 170-1,100 m

Anacardiaceae

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

Aceraceae

Acer monspessulanum L. subsp. ***monspessulanum*** - P scap - Euri-Medit. - R. Rocks, scrublands, woodlands. 1,150-1,300 m

Acer pseudoplatanus L. - P scap - Euro-Cauc. - P/NAT - S. Roadsides, scrublands, reforestations, rocks. 600-1,330 m

Sapindaceae

+ ***Koelreuteria paniculata*** Laxm. - P scap - E-As. - P/CAS - RR. Roadsides, hedges. 450-500 m

Notes: several young trees and saplings grow along the northern border of the study area, from a few planted trees. This is the first report of the species as an alien for the island of Sardinia.

Ericales

Primulaceae

Cyclamen hederifolium Aiton subsp. **hederifolium** - G bulb - Circum-Medit. - R. Woodlands, clearings. 500-600 m

Cyclamen repandum Sm. subsp. **repandum** - G bulb - Circum-Medit. - C. Woodlands, scrublands, garrigues, rocks, clearings. 165-1,330 m

Lysimachia arvensis (L.) U. Manns & Anderb. - T scap - Euri-Medit. - C. Grasslands, garrigues, roadsides, rocks, scrublands, open woodlands. 164-1,330 m

Lysimachia linum-stellatum L. - T scap - Circum-Medit. - C. Grasslands, scrublands, rocks, garrigues, woodlands. 164-1,295 m

+ *Lysimachia loeflingii* F. J. Jiménez-López & M. Talavera - T scap - Euri-Medit. S. Grasslands, garrigues, roadsides, scrublands. 164-1,100 m

Note: according to Jiménez-López & al. (2022) this is the new combination of *Lysimachia arvensis* with blue flowers.

Lysimachia minima (L.) U. Manns & Anderb. - T scap - Euras. - S. Wet meadows, garrigues. 164-1,330 m

§ *Lysimachia talaverae* L. Sáez & Aymerich - T scap - W-Medit. - S. Wet places, grasslands, garrigues. 200-1,150 m

Note: according to Jiménez-López & al. (2022) this is the new combination of *Lysimachia arvensis* subsp. *parviflora* (Hoffmanns. & Link) Peruzzi

Samolus valerandi L. - H scap - Subcosmop. - S. Streams, springs, lakes. 164-1,300 m

Ericaceae

Arbutus unedo L. - P caesp - Circum-Medit. - C. Scrublands, woodlands. 165-1,250 m

Erica arborea L. - P caesp - Medit-Atl. - CC. Scrublands, garrigues, woodlands, rocks. 164-1,350 m

Erica scoparia L. subsp. **scoparia** - P caesp - W-Medit. - S. Scrublands, garrigues, woodlands, rocks. 250-1,350 m

Erica terminalis Salisb. - P caesp - W-Medit. - S. Wet places, scrublands, garrigues, clearings. 200-1,330 m

Gentianales

Rubiaceae

Asperula laevigata L. - H scap - CW-Medit. - S. Woodlands, wet places. 164-1,250 m

Galium album Mill. subsp. **album** - H scap - Euri-Medit. - (A/NAT?) - R. Woodlands, fallow land, roadsides. 580-630 m

Galium aparine L. - T scap - Euras. - C. Grasslands, ruderal, fallow land, roadsides, scrublands, woodlands, hedges. 164-1,330 m

Galium corsicum Spreng. - H scap - Endem. Sa Co - C. Rocks, garrigues, scarps, scrublands. 700-1,350 m

Galium debile Desv. - H scap - Euri-Medit. - R. Wet places. 164-830 m

Galium divaricatum Lam. - T scap - Circum-Medit. - S. Scrublands, garrigues, grasslands, woodlands. 165-1,300 m

Galium murale (L.) All. - T scap - Circum-Medit. - S. Grasslands, roadsides, fallow land. 200-750 m

Galium palustre subsp. **elongatum** (C. Presl.) Lange - H scap - Euri-Medit. - R. Wet places. 164-500 m

Galium parisiense L. - T scap - Euri-Medit. - R. Woodlands, scrublands, grasslands. 250-600 m

Galium rotundifolium L. subsp. **rotundifolium** - H scap - Euras. Mont. - S. Scrublands, woodlands, rocks. 500-1,280 m

Galium scabrum L. - H scap - W-Medit. - C. Woodlands, scrublands. 165-1,250 m

Galium spurium L. - T scap - Euras. - R. Scarps, rocks, scrublands. 200-1,100 m

Galium tricornutum Dandy - T scap - Euri-Medit - R. Grasslands, roadsides. 165-250 m

Galium verrucosum Huds. subsp. ***verrucosum*** - T scap - Circum-Medit. - S. Grasslands, scarps, scrublands, rocks, woodlands. 165-1,000 m

Galium verum L. - H scap - Euras. - EX(?). Roadsides. 550-600 m

Rubia peregrina L. subsp. ***peregrina*** - P lian - Circum-Medit. - C. Woodlands, scrublands, rocks, hedges, ruderal, fallow land. 165-1,000 m

Rubia peregrina subsp. ***requieni*** (Duby.) Cardona & Sierra - P lian - Subendem. Sa Co It Bl - S. Woodlands, scrublands, wet places. 500-1,300 m

Sherardia arvensis L. - T scap - Euri-Medit. - C. Grasslands, scrublands, fallow land, woodlands, roadsides, garrigues. 164-1,340 m

Theligonum cynocrambe L. - T scap - Circum-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 subsp. ***rumelicum*** (Velen.) Melderis - H bienn - Paleotemp. - R. Roadsides, sandy soils, clearings. 550-650 m

Centaureum grandiflorum subsp. ***majus*** (Hoffmanss & Link) Z. Diaz - H bienn - Circum-Medit. - C. Wet places, scrublands, grasslands, scarps. 164-1,330 m

Centaureum maritimum (L.) Fritsch - T scap - Circum-Medit. - C. Garrigues, scrublands, rocks. 164-1,300 m

Cicendia filiformis (L.) Delarbre - T scap - SW-Europ. - C. Wet places. 164-1,320 m

Exaculum pusillum (Lam.) Caruel - T scap - W-Medit. - S. Wet places. 164-1,300 m

Apocynaceae

Nerium oleander L. subsp. ***oleander*** - P caesp - Circum-Medit. - P/CAS - RR. Roadsides, fallow land. 200-350 m

Vinca difformis subsp. ***sardoa*** Stearn - Ch rept - Endem. Sa - S. Ruderal, hedges, open woodlands, streams. 165-710 m

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. 350-1,350 m

Boraginales

Boraginaceae

Anchusa undulata subsp. ***hybrida*** (Ten.) Bég. - H bienn - Circum-Medit. - R. Grasslands, roadsides. 170-250 m

Borago officinalis L. - T scap - Euri-Medit. - S. Grasslands, fallow land, scrublands, scarps, ruderal. 165-650 m

Borago pygmaea (DC.) Chater & Greuter - H scap - Endem. Sa Co AT - RR. In an alder woodland along a stream. 350-370 m

Cerinth major L. subsp. ***major*** - T scap - Circum-Medit. - R. Roadsides, grasslands, fallow land, garrigues. 170-1,050 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. 600-1,350 m

Echium italicum L. subsp. **italicum** - H bienn - Euri-Medit. - S. Grasslands, pastures, roadsides, fallow land. 165-1,220 m

Echium plantagineum L. - T scap - Euri-Medit - C. Scrublands, grasslands, ruderal, fallow land, roadsides. 164-1,340 m

Echium vulgare L. subsp. **vulgare** - H bienn - Circum-Medit. - RR. Clearings, roadsides. 850-900 m

Myosotis arvensis (L.) Hill subsp. **arvensis** - T scap - Euras. - S. Scrublands, grasslands, woodlands. 164-1,000 m

Myosotis discolor Pers. subsp. **discolor** - T scap - Medit-Atl. - R. Grasslands, clearings. 450-1,060 m

Myosotis ramosissima Rochel. subsp. **ramosissima** - T scap - Euras. - C. Grasslands, scrublands, woodlands. 164-1,330 m

Myosotis sicula Guss. - T scap - Euri-Medit. - R. Wet meadows, ponds. 164-800(980) m

Heliotropiaceae

Heliotropium europaeum L. - T scap - Medit-Turan. - C. Grasslands, pastures, fallow land, ruderal, roadsides. 164-1,000 m

Heliotropium supinum L. T scap - Paleosubtrop. - R. Shores of Lake Coghinas. 160-165 m

Lamiales

Oleaceae

Fraxinus angustifolia subsp. **oxycarpa** (M. Bieb. ex Willd.) Franco & Rocha Afonso - P scap - Europ. - S. Wet woodlands, streams, rocks. 165-1,250 m

Fraxinus ornus L. subsp. **ornus** - P scap - Euri-Medit. - C. Woodlands, wet places, rocks, scrublands. 164-1,300 m

Olea europaea L. var. **sylvestris** Brot. - P caesp - Circum-Medit. - C. Scrublands, woodlands. 164-650 m

Phillyrea angustifolia L. - P caesp - Circum-Medit. - C. Scrublands, woodlands. 164-1,020 m

Phillyrea latifolia L. - P caesp - Circum-Medit. - C. Woodlands, scrublands, rocks, scarps. 165-1,100 m

Verbenaceae

Verbena officinalis L. - H scap - Paleotemp. - S. Roadsides, fallow land, grasslands, wet places. 165-1,300 m

Verbena supina L. - T scap - Circum-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. 1,040-1,060 m

Ballota nigra subsp. **uncinata** (Fiori & Beg.) Patzak - H scap - Circum-Medit. - S. Grasslands, ruderal, fallow land, scrublands. 165-1,250 m

Clinopodium nepeta subsp. **spruneri** (Guss.) Bartolucci & F.Conti - Ch suffr - Circum-Medit. - C. Wet places, scrublands, grasslands, roadsides, woodlands. 165-1,320 m

Clinopodium vulgare subsp. **arundanum** (Boiss.) Nyman - H scap - Circumbor. - C. Woodlands, grasslands, scrublands, wet meadows. 165-1,340 m

Lamium amplexicaule L. - T scap - Euri-Medit. - S. Grasslands, scrublands, fallow land, ruderal. 164-1,250 m

Lamium bifidum Cirillo subsp. **bifidum** - T scap - Circum-Medit. - S. Woodlands, grasslands, scrublands, fallow land. 165-1,300 m

Lamium purpureum L. - T scap - Euras. - R. Grasslands, scrublands, woodlands, roadsides. 500-1,000 m

Lavandula stoechas L. subsp. **stoechas** - NP - Circum-Medit. - C. Garrigues, scrublands, rocks, scarps, woodlands. 164-1,340 m

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. subsp. **aquatica** - H scap - Paleotemp. - C. Wet places. 164-1,250 m

Mentha pulegium L. subsp. **pulegium** - H scap - Euri-Medit. - C. Wet places. 164-1,300 m

Mentha requienii Benth. subsp. **requienii** - H rept - Endem. Sa Co - R. Wet rocks, streams. 400-1,000 m

Mentha spicata L. - H scap - Euri-Medit. - P/CAS - R. Wet places, clearings, ruderal. 200-1,020 m

Mentha suaveolens subsp. **insularis** (Req.) Greuter - H scap - Subendem. Sa Co AT Bl - S. Wet places, roadsides, hedges, scrublands, grasslands, woodlands. 200-1,300 m

Micromeria graeca (L.) Benth. subsp. **graeca** - Ch suffr - Circum-Medit. - C. Scrublands, garrigues, scarps. 165-1,100 m

Micromeria graeca subsp. **tenuifolia** (Ten.) Nyman - Ch suffr - Endem. Sa Co Si It - S. Scrublands, garrigues, grasslands. 500-1,250 m

Prunella laciniata L. - H scap - Euri-Medit. - S. Woodlands, wet places, grasslands, scrublands, garrigues. 200-1,100 m

Prunella vulgaris L. - H scap - Circumbor. - C. Woodlands, wet places, scrublands, roadsides. 164-1,300 m

Prunella ×intermedia Link - H scap - Euri-Medit. - R. Wet places. 350-950 m

Salvia clandestina L. - H scap - Circum-Medit. - S. Grasslands, garrigues, scrublands, woodlands. 165-1,030 m

Salvia rosmarinus Spenn. - NP - Circum-Medit. - RR. Rocks of a stream. 330-400 (200-1,020) m

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. 600-1,350 m

Stachys germanica L. - H scap - Euri-Medit. - R. Woodlands, hedges, roadsides. 450-550 m

Note: we did not specify the subspecies growing in the study area.

Stachys glutinosa L. - Ch frut - Endem. Sa Co AT - C. Garrigues, scarps, rocks, scrublands, woodlands. 165-1,335 m

Stachys romana (L.) E. H. L. Krause - T scap - Circum-Medit. - S. 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 subsp. **glaucum** (Jord. & Fourr.) Ronniger - Ch frut - Circum-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. 165-1,350 m

Teucrium massiliense L. - Ch suffr - W-Medit. - C. Scrublands, rocks, garrigues, woodlands, scarps. 200-1,250 m

Teucrium scorodonia L. - H scap - Europ. - S. Woodlands, scrublands, garrigues, rocks, scarps. 400-1,280 m

Thymus herba-barona Loisel. - Ch rept - Subendem. Sa Co Bl - C. Garrigues, rocks, scrublands, clearings. 800-1,350 m

Thymus vulgaris L. subsp. **vulgaris** - Ch frut - W-Medit. - P/CAS - RR. Fallow land, scrublands. 770-781 m

Vitex agnus-castus L. - P caesp - Medit-Turan. - R. Shores of lake Coghinas. 164-170(450) m

Scrophulariaceae

Scrophularia auriculata L. subsp. **auriculata** - H scap - Subatl. - R. Wet places. 500-600 m

Scrophularia lyrata Willd. - H scap - W-Medit. - R. Wet places, woodlands. 163-650 m

§ *Scrophularia oblongifolia* Loisel. - H scap - Endem. Sa Co - R. Springs, wet woodlands, streams. 400-1,040 m

Note: in the light of what reported by Fois & al. (2022), we revised the attribution of the taxon found on the mountain, previously considered as *S. umbrosa* Dumort., which is presently to be excluded from the Sardinian flora.

Scrophularia peregrina L. - T scap - Circum-Medit. - R. Woodlands, scrublands, ruderal, fallow land. 165-650 m

Scrophularia trifoliata L. - H scap - Endem. Sa Co AT - C. Rocks, woodlands, scrublands, ruderal. 180-1,350 m

– ***Scrophularia umbrosa*** Dumort. - H scap - Subatl.

Note: see note above (*S. oblongifolia* Loisel.).

Verbascum blattaria L. - H bienn - Paleotemp. - R. Grasslands, pastures, scarps, clearings, roadsides. 165-780 m

* ***Verbascum conocarpum*** Moris subsp. ***conocarpum*** - H bienn - Endem. Sa Co AT - S. Rocks, garrigues, scarps, scrublands, open woodlands. 300-1,280 m

Note: we found new growing stations that allowed us to enlarge upwards its distributional range on the top area of the mountain.

Verbascum pulverulentum Vill. - H bienn - CS-Europ. - S. Grasslands, pastures, scrublands, fallow land, roadsides. 200-1,050 m

Verbascum sinuatum L. - H bienn - Euri-Medit. - C. Grasslands, scrublands, roadsides. 165-1,250 m

Verbascum thapsus L. subsp. ***thapsus*** - 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. 164-1,050 m

Bellardia viscosa (L.) Fisch. & C. A. Mey - T scap - Medit-Atl. - C. Grasslands, scrublands, woodlands, garrigues, rocks. 164-1,080 m

Odontites corsicus (Loisel) G. Don. - T scap - Endem. Sa Co - S. Garrigues, rocks, scarps, sandy soils. 1,000-1,350 m

Odontites luteus (L.) Clairv. subsp. ***luteus*** - T scap - Euri-Medit. - C. Scrublands, woodlands, garrigues. 165-1,200 m

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. 165-1,100 m

Orobanche rapum-genistæ Thuill. - T par - Subatl. - S. Scrublands, clearings, on *Cytisus* spp. 400-1,200 m

Orobanche rigens Loisel. - T par - Endem. Sa Co - S. Garrigues, scrublands, on *Genista corsica*. 500-1,300 m

Parentucellia latifolia (L.) Caruel - T scap - Medit-Atl. - C. Grasslands, sandy soils, garrigues. 165-1,330 m

Phelipanche mutelii (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 - Circum-Medit. - R. Grasslands, scrublands, on several herbaceous taxa. 165-350 m

+ ***Phelipanche ramosa*** (L.) Pomel. - T par - S-Medit. - R. Grasslands. 400-500 m

Note: the taxon is present on the northern slopes of the mountain.

Phelipanche schultzii (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

Note: we did not specify the subspecies growing in the study area.

Callitriche stagnalis Scop. - I rad - Euras - S. Streams, springs, ponds, lakes. 164-1,040 m

Cymbalaria aequitriloba (Viv.) A. Chev. subsp. ***aequitriloba***- Ch rept - Subendem. Sa Co AT Bl - S. Rocks, caves, woodlands. 500-1,350 m

Cymbalaria muralis G. Gaertn. B. Mey. & Schreb. subsp. ***muralis*** - H rept - C-Medit. - R. Ruderal, walls. 250-600 m

Digitalis purpurea L. - H scap - W-Medit. - C. Woodlands, rocks, garrigues, scrublands. 250-1,350 m

Gratiola officinalis L. - H scap - Circumbor. - S. Streams, springs, lakes. 250-1,000 m

* *Kickxia cirrhosa* (L.) Fritsch. - T scap - Circum-Medit. - R. Watercourses, rocks, sandy soils, shores. 164-520 m

Note: we found new growing stations that allowed us to enlarge upwards the elevation limit of the species on the study area.

Kickxia commutata (Bernh. ex Rchb.) Fritsch subsp. ***commutata*** - H rept - Circum-Medit. - S. Wet places, open woodlands, grasslands, roadsides. 164-1,050 m

Kickxia spuria subsp. ***integrifolia*** (Brot.) R. Fern. - 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 subsp. ***sardoa*** (Sommier) A. Terracc. - T scap - Endem. Sa Co - RR. Sandy shores of Lake Coghinas. 164-170 m

Linaria pellisseriana (L.) Mill. - T scap - Medit-Atl. - C. Grasslands, scrublands, garrigues. 165-1,100 m

Linaria triphylla (L.) Mill. - T scap - W-Medit. - RRR. Ruderal. 1,050-1,060 m

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. subsp. ***afra*** - T scap - Circum-Medit. - R. Grasslands, scrublands, scarps. 165-650 m

Plantago bellardi All. subsp. ***bellardi***- T scap - Circum-Medit. - C. Grasslands, scrublands, garrigues. 164-1,330 m

* *Plantago coronopus* L. - H bienn - Euri-Medit. - C. Grasslands, scrublands, wet places, roadsides. 164-1,210 m

Note: we found new growing stations that allowed us to enlarge upwards the elevation limit of the species on the study area.

Plantago lagopus L. - T scap - Circum-Medit. - C. Grasslands, scrublands, wet places. 164-1,050 m

Plantago lanceolata L. - H ros - Euras. - C. Wet places, grasslands, scrublands, rocks. 164-1,350 m

Plantago major L. - H ros - Euras. - C. Wet places, woodlands, scrublands, roadsides. 164-1,350 m

Plantago weldenii Rchb. - T ros - Circum-Medit. - R. Wet places. 400-700 m

Veronica anagallis-aquatica L. subsp. ***anagallis-aquatica*** - H scap - Cosmop. - S. Wet places. 160-850 m

Veronica arvensis L. - T scap - Subcosmop. - C. Grasslands, scrublands, fallow land, roadsides, ruderal. 164-1,330 m

Veronica beccabunga L. subsp. ***beccabunga*** - H rept - Euras. - R. Streams, springs. 163-600 m

Veronica cymbalaria Bodard subsp. ***cymbalaria*** - T scap - Euri-Medit. - C. Grasslands, fallow land, scrublands, rocks, ruderal, roadsides, woodlands. 164-1,250 m

Veronica hederifolia L. - T scap - Euras. - R. Grasslands, woodlands, fallow land. 400-1,060 m

Veronica officinalis L. - H rept - Euras. - S. Woodlands, wet places, scrublands. 500-1,280 m

Veronica persica L. - T scap - Subcosmop. - A/NAT - C. Grasslands, fallow land, ruderal, roadsides, woodlands. 165-1,250 m

Veronica verna subsp. ***brevistyla*** (Moris) Rouy - T scap - Endem. Sa Co - R. Sandy soils, garrigues. 950-1,300 m

Acanthaceae

Acanthus mollis L. subsp. ***mollis*** - H scap - W-Medit. - A/NAT - R. Roadsides, fallow land, ruderal. 200-1,200 m

Solanales

Convolvulaceae

Convolvulus althaeoides L. - H scand - Circum-Medit. - RR. Roadsides, scarps, scrublands. 180-300 m

Convolvulus arvensis L. - G rhiz - Paleotemp. - C. Grasslands, fallow land, rocks, ruins, roadsides, scrublands. 164-1,300 m

Convolvulus cantabrica L. - H scap - Euri-Medit. - S. Scrublands, grasslands, scarps, open woodlands. 164-1,060 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. subsp. *approximata* - T par - Paleosubtrop. - R. Garrigues, grasslands, on several herbaceous taxa. 250-900 m

+ *Cuscuta campestris* Yunk. - T par - N-Amer. - A/NAT - S. grasslands, fallow land. 160-500 m

Note: the taxon was previously mistaken with *C. cesattiana* Bertol., which is absent in Sardinia.

– *Cuscuta cesattiana* Bertol. - T par - N-Amer.

Note: all the previous reports of this taxon for Sardinia have to be referred to *C. campestris*.

Cuscuta epithymum subsp. *corsicana* (Yunk.) Lambinon - T par - Endem. Sa Co - R. Garrigues, on *Genista corsica*, *Thymus herba-barona*, *Stachys glutinosa*. 1,100-1,250 m

Cuscuta epithymum subsp. *kotschy* (Des Moul.) Arcang. - T par - Circum-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 bella-donna 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. 164-1,040 m

Solanum nigrum L. - T scap - Cosmop. - C. Ruderal, grasslands, roadsides, fallow land, woodlands. 164-1,300 m

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. 170-1,355 m

Apiales

Araliaceae

Fatsia japonica (Thunb.) Decne. & Planch. - P caesp - E-As. - A/CAS - RR. In a stream. 490-500 m

Hedera helix L. subsp. *helix* - P lian - Subatl. - C. Woodlands, rocks, ruderal, walls, scrublands. 165-1,300 m

Apiaceae

Ammi majus L. - T scap - Euri-Medit. - RR. Roadsides, fallow land, grasslands. 200-250 m

Ammoides pusilla (Brot.) Breistr. - T scap - Circum-Medit. - R. Grasslands, pastures, scrublands, open woodlands, ruderal. 250-400 m

§ *Anethum piperitum* Ucria - H scap - Euri-Medit. - C. Grasslands, ruderal, fallow land, roadsides, scarps. 165-1,335 m
Note: new combination for *Foeniculum vulgare* subsp. *piperitum* (Ucria) Bég.

Anthriscus caucalis M. Bieb. - T scap - Paleotemp. - S. Grasslands, scrublands, rocks, woodlands, wet places, ruderal. 700-1,100 m

Bunium corydalinum DC. - G bulb - Endem. Sa Co - C. Garrigues, sandy soils, rocks, scrublands, woodlands, reforestations. 620-1,350 m

Chaerophyllum nodosum (L.) Crantz - T scap - Circum-Medit. - R. Woodlands, scarps. 400-600 m

Chaerophyllum temulum L. - H bienn - Euras. - R. Woodlands, roadsides. 450-550 m

Conium maculatum L. subsp. *maculatum* - 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. 165-1,330 m

Daucus carota subsp. *maximus* (Desf.) Ball - H bienn - Paleotemp. - R. Grasslands, pastures, roadsides, fallow land. 165-1,330 m

Eryngium campestre L. - H scap - Euri-Medit. - C. Grasslands, pastures, scrublands, roadsides, scarps. 165-1,000 m

Eryngium pusillum L. - H bienn - Circum-Medit. - R. Wet meadows, lakes, ponds. 160-180 m

Eryngium tricuspidatum L. subsp. *tricuspidatum* - H scap - SW-Medit. - S. Scrublands, open woodlands, grasslands. 165-800 m

Ferula communis L. subsp. *communis* - H scap - Circum-Medit. - C. Grasslands, pastures, garrigues, rocks, scrublands. 165-1,050 m

Helosciadium crassipes W. D. J. Koch ex Rechb. f. - I rad - Circum-Medit - R. Ponds, wet meadows. 164-750 m

Helosciadium nodiflorum (L.) W. D. J. Koch subsp. *nodiflorum* - H scap - Euri-Medit - S. Wet places. 164-950 m

Magydaris pastinacea (Lam.) Paol. - H scap - W-Medit. - R. Open woodlands, scrublands, roadsides. 170-1,050 m

Oenanthe crocata L. - H scap - Subatl. - C. Streams, springs, wet woodlands. 164-1,050 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(1,050) m

Oenanthe pimpinelloides L. - H scap - Medit-Atl. - S. Woodlands, wet places. 165-1,050 m

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. 450-1,300 m

Scandix pecten-veneris L. subsp. *pecten-veneris* - T scap - Euri-Medit. - S. Grasslands, fallow land, scrublands. 164-650 m

Sison amomum L. - H bienn - Subatl. - RR. Reforestations, clearings, roadsides. 1,050-1,070 m

Smyrniolum olusatrum L. - H bienn - Medit-Atl. - C. Scrublands, woodlands, fallow land, streams, scarps, ruderal. 165-600 m

Smyrniolum perfoliatum subsp. *rotundifolium* (Mill.) Bennier & Layens - H bienn - Circum-Medit. - C. Grasslands, scrublands, roadsides, fallow land. 165-1,220 m

Thapsia garganica L. subsp. *garganica* - H scap - Circum-Medit. - S. Pastures, grasslands, scrublands. 165-1,130 m

Thapsia meoides (Desf.) Guss. - H scap - Circum-Medit. - R. Scrublands, scarps, roadsides. 170-350 m
Tordylium apulum L. - T scap - Circum-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 subsp. **arvensis** - T scap - Subcosmop. - S. Woodlands, scrublands, roadsides. 165-950 m
Torilis nodosa (L.) Gaertner subsp. **nodosa** - 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. 200-1,340 m
Viburnum tinus L. subsp. **tinus** - P caesp - Circum-Medit. - S. Woodlands, scrublands, streams. 165-900 m

Caprifoliaceae

Lonicera implexa Aiton subsp. **implexa** - P lian - Circum-Medit. - C. Scrublands, woodlands, hedges. 165-900 m

Valerianaceae

Centranthus calcitrapae (L.) Dufr. subsp. **calcitrapae** - T scap - Circum-Medit. - S. Garrigues, grasslands, scrublands, rocks. 164-950 m
Centranthus ruber (L.) DC. subsp. **ruber** - Ch suffr - Circum-Medit. - A/CAS - RR. Ruderal. 300-870 m
Valerianella carinata Loisel. - T scap - Euri-Medit. - R. Grasslands, scrublands, roadsides. 500-1,300 m
Valerianella dentata (L.) Pollich - T scap - Subatl. - R. Woodlands, scarps, scrublands. 300-550 m
Valerianella eriocarpa Desv. - T scap - Circum-Medit. - S. Grasslands, scrublands, roadsides. 165-650 m
Valerianella locusta (L.) Laterr. - T scap - Euri-Medit. - S. Grasslands, rocks, scrublands, garrigues, woodlands. 800-1,300 m
Valerianella microcarpa Loisel. - T scap - Circum-Medit. - C. Grasslands, woodlands, scarps, garrigues, roadsides. 165-1,330 m

Dipsacaceae

Dipsacus ferox Loisel - H bienn - Endem. Sa Co It - S. Wet places, grasslands, woodlands, scrublands. 164-1,220 m
Knautia integrifolia (L.) Bertol. subsp. **integrifolia** - T scap - Euri-Medit. - RR. Clearings, wet meadows, roadsides. 350-500 m
§ *Sixalix atropurpurea* (L.) Greuter & Burdet - H scap - Circum-Medit. - S. Roadsides, grasslands, fallow land, scarps, scrublands. 170-1,080 m

Note: new combination fo *S. atropurpurea* subsp. *grandiflora* (Scop) Soldano & F. Conti.

Asterales

Campanulaceae

Campanula erinus L. - T scap - Circum-Medit. - R. Ruderal, walls, fallow land, scarps. 180-870 m
Jasione montana L. - H bienn - Euro-Cauc. - C. Grasslands, garrigues, rocks, sandy soils, scrublands. 165-1,330 m
Legousia falcata subsp. **castellana** (Lange) Jauzein - T scap - W-Medit. - S. Woodlands, scrublands, scarps. 165-900 m
Legousia falcata (Ten.) Janch. subsp. **falcata** - T scap - Circum-Medit. - R. Woodlands, scarps, scrublands. 250-500 m

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. 350-1,000 m

Solenopsis laurentia (L.) C. Presl. - T scap - Circum-Medit. - C. Wet places. 200-1,300 m

Asteraceae

Achillea ligustica All. - H scap - W-Medit. - C. Garrigues, grasslands, scrublands, woodlands. 165-1,320 m

Anacyclus clavatus (Desf.) Pers. - T scap - Circum-Medit. - R. Grasslands, fallow land. 200-1,060 m

Andryala integrifolia L. - T scap - W-Medit. - C. Grasslands, scrublands, woodlands. 165-1,350 m

Anthemis arvensis L. subsp. ***arvensis*** - T scap - Circum-Medit. - C. Grasslands, fallow land, roadsides. 250-1,300 m

Anthemis arvensis subsp. ***incrassata*** (Loisel) Nyman - T scap - Circum-Medit. - R. Grasslands, garrigues, scarps, roadsides. 1,000-1,100 m

Arctium minus (Hill.) Bernh. - H bienn - Europ. - R. Wet places, scarps, clearings, fallow land. 300-780 m

Artemisia arborescens (Vaill.) L. - NP - Circum-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. 200-1,215 m

Bellis annua L. subsp. ***annua*** - T scap - Medit-Macaron. - S. Wet meadows, clearings. 164-1,050 m

Bellis perennis L. - H ros - Euro-Cauc. - C. Scrublands, woodlands, grasslands. 164-1,300 m

Bellis sylvestris Cirillo - H ros - Circum-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. 170-1,350 m

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. 164-1,230 m

Carduus cephalanthus Viv. - H bienn - Subendem. Sa Co Si Ag - S. Rocks, garrigues, clearings. 450-1,350 m

Carduus nutans subsp. ***scabrisquamus*** Arènes - H bienn - Circum-Medit. - R. Grasslands, scrublands, scarps, roadsides. 450-1,205 m

Carduus pycnocephalus L. subsp. ***pycnocephalus*** - H bienn - Medit-Turan. - C. Grasslands, fallow land, roadsides, scrublands, woodlands. 165-1,210 m

Carduus sardous DC. - H bienn - Endem. Sa Co AT - R. Rocks, grasslands, garrigues. 700-1,020 m

Carduus tenuiflorus Curtis - H bienn - W-Europ. - RR. Grasslands, scarps, roadsides. 250-300 m

Carlina corymbosa L. - H scap - Euri-Medit. - C. Garrigues, grasslands, clearings, scarps, rocks. 164-1,340 m

Carlina gummifera (L.) Less. - H ros - Circum-Medit. - C. Grasslands, garrigues, scrublands, roadsides, open woodlands. 164-1,000 m

Carlina lanata L. - T scap - Circum-Medit. - R. Grasslands, pastures, roadsides. 500-1,050 m

Carlina macrocephala Moris - H bienn - Endem. Sa Co - RR. Garrigues, roadsides. 1,250-1,300 m

Carlina racemosa L. - T scap - SW-Medit. - R. Grasslands, pastures. 164-600 m

Carthamus caeruleus L. - H scap - Circum-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. 165-1,040 m

Chamaemelum fuscatum (Brot.) Vasc. - T scap - W-Medit. - S. Grasslands, clearings, wet places. 164-1,050 m

Chondrilla juncea L. - H scap - Eurosib. - C. Grasslands, fallow land, ruderal, roadsides, scarps, scrublands, rocks. 165-1,350 m

Cichorium intybus L. - H scap - Cosmop. - C. Grasslands, fallow land, roadsides, garrigues. 165-1,330 m

Cirsium arvense (L.) Scop. - G rad - Euras. - RR. Grasslands, fallow land. 1,300-1,310 m

Cirsium vulgare subsp. *silvaticum* (Tausch) Arènes - H bienn - Subcosmop. - RR. Grasslands, garrigues, ruderal places. 1,300-1,340 m

Cirsium vulgare (Savi) Ten. subsp. *vulgare* - H bienn - Subcosmop. - S. Grasslands, pastures, fallow land, ruderal. 165-1,080 m

Cladanthus mixtus (L.) Chevall. - T scap - Circum-Medit. - R. Wet places, roadsides, scrublands. 164-1,080 m

Coleostephus myconis (L.) Cass. ex Rchb. f. - T scap - Circum-Medit. - C. Grasslands, wet meadows, streams, lakes, ponds, garrigues. 164-1,330 m

Cota tinctoria subsp. *australis* (R. Fern.) Oberpr. & Greuter - Ch suffr - Europ. Pont. - A/NAT - R. Garrigues, roadsides, clearings, fallow land. 1,000-1,350 m

Crepis bellidifolia Loisel - T scap - W-Medit - S. Grasslands, rocks, scrublands. 900-1,320 m

Crepis foetida L. subsp. *foetida* - T scap - Euri-Medit. - R. Grasslands, garrigues, scrubland, roadsides. 200-1,340 m

Crepis leontodontoides All. - H ros - W-Medit. - S. Woodlands, scarps. 300-1,100 m

§* *Crepis sancta* subsp. *nemausensis* (P. Fourn.) Babç. - T scap - Medit.-Turan. - A/NAT - S. Grasslands, scrublands, garrigues. 165-1,000 m

Note: this taxon was firstly reported by Banfi & Galasso (2010) as an alien for Lombardy, then it has been recognised as the only taxon belonging to the species in Italy (Galasso & al. 2018).

§ *Crepis taraxacifolia* Thuill. - T scap - Subatl. - S. Grasslands, fallow land, scrublands, roadsides. 165-800 m

Note: new combination for *Crepis vesicaria* subsp. *taraxacifolia* (Thuill.) Tell.

Crepis vesicaria L. - T scap - Subatl. - R. Grasslands, fallow land, roadsides. 400-500 m

Crupina crupinastrum (Moris) Vis. - T scap - Circum-Medit. - C. Grasslands, scrublands, garrigues, rocks, woodlands. 165-1,200 m

Cynara cardunculus L. subsp. *cardunculus* - H scap - Circum-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. 164-1,250 m

Dittrichia viscosa (L.) Greuter subsp. *viscosa* - H scap - Euri-Medit. - C. Grasslands, roadsides, fallow land, scrublands, scarps, ruderal, garrigues. 164-1,300 m

§ *Epitrachys italica* (DC.) Bureš, Del Guacchio, Iamónico & P.Caputo - H bienn - SE-Europ. - R. Grasslands, roadsides, scarps. 650-800 m

Note: (≡ *Cirsium italicum* DC.)

Erigeron bonariensis L. - T scap - S-Amer. - A/INV - C. Grasslands, fallow land, ruderal, industrial areas, roadsides, garrigues, clearings. 164-1,300 m

Erigeron canadensis L. - T scap - N-Amer. - A/NAT - R. Roadsides, wet places, ruderal. 164-900 m

Erigeron karvinskianus DC. - H scap - N.Amer. - P/CAS - R. Walls, fallow land, roadsides. 500-600 m

Erigeron sumatrensis Retz. - T scap - S-Amer. - A/INV - C. Grasslands, fallow land, ruderal, roadsides, industrial areas. 164-850 m

Eupatorium cannabinum L. subsp. **cannabinum** - H scap - Paleotemp. - S. Springs, streams, wet woodlands. 165-1,265 m

Filago asterisciflora (Lam.) Sweet - T scap - Circum-Medit. - RR. Grasslands, garrigues. 700-800 m

Filago eriocephala Guss. - T scap - Circum-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 - Circum-Medit. - R. Grasslands, garrigues, roadsides, sandy soils. 350-800 m

Filago pyramidata L. - T scap - Euri-Medit. - S. Scrublands, grasslands, sandy soils, roadsides. 165-1,300 m

* *Galactites tomentosum* Moench - H bienn - Circum-Medit. - C. Grasslands, roadsides, scrublands, ruderal, fallow land. 165-1,250 m

Note: in 2022, we found plants of this species in the highest sector of the mountain.

§ *Gelasia callosa* (Moris) Zaika, Suhkor. & N. Kilian - H scap - Endem. Sa - C. Garrigues, scrublands, rocks, scarps, clearings, grasslands, sandy soils. 450-1,310 m

Note: this is the new combination of *Scorzonera callosa* Moris

Glebionis coronaria (L.) Spach. - T scap - Circum-Medit. - S. Grasslands, fallow land, roadsides, ruderal, scrublands. 165-900 m

Glebionis segetum (L.) Fourr. - T scap - Medit-Turan. - S. Fallow land, grasslands, roadsides. 165-1,250 m

Gnaphalium uliginosum L. - T scap - Eurosib. - R. Wet places, roadsides. 160-1,330 m

Hedypnois rhagadioloides (L.) F. W. Schmidt - T scap - Circum-Medit. - S. Grasslands, clearings, scrublands. 165-1,300 m

Helichrysum italicum (Roth.) Guss. subsp. **italicum** - Ch suffr - S-Europ. - S. Garrigues, scarps, open woodlands. 250-900 m

Helichrysum italicum 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. 165-1,355 m

Helichrysum luteoalbum (L.) Rchb. - T scap - Subcosmop. - R. Wet meadows, springs, lakes, rocks. 164-1,335 m

Helminthotheca echioides (L.) Holub - T scap - Euri-Medit. - C. Grasslands, roadsides, fallow land, scrublands. 160-1,300 m

Hieracium bernardii subsp. **gallurense** (Arrigoni) Greuter - H caesp - Endem. Sa - C. Woodlands, scrublands, rocks, scarps, wet places, grasslands, garrigues. 170-1,350 m

Hieracium mattirolanum subsp. **martellianum** (Zhan) Greuter - H ros - Endem. Sa - S. Rocks. 1,000-1,350 m

Hieracium racemosum subsp. **limbarae** (Arrigoni) Greuter - H scap - Endem. Sa - R. Woodlands, reforestations, roadsides, wet places, rocks. 600-1,300 m

Hieracium schmidtii subsp. **brunelliforme** (Arv.-Touv.) O. Bolòs & Vigo - H ros - Europ. - S. Rocks, pinewoods, scrublands, grasslands. 900-1,320 m

Hyoseris radiata L. - H ros - Circum-Medit. - C. Grasslands, fallow land, ruderal, rocks, scrublands, roadsides, walls. 165-1,345 m

Hypochaeris achyrophorus L. - T scap - Circum-Medit. - C. Grasslands, scrublands, rocks, sandy soils. 164-1,330 m

Hypochaeris cretensis (L.) Bory & Chaub. - H scap - NE-Medit. - S. Rocks, garrigues, scrublands. 350-1,333 m

Hypochaeris glabra L. - T scap - Euri-Medit. - C. Grasslands, garrigues, scrublands. 165-1,340 m

Hypochaeris laevigata (L.) Ces., Pass. & Gibelli - H ros - SW-Medit. - R. Fallow land, grasslands, clearings. 200-1,050 m

Hypochaeris radicata L. - H ros - Euro-Cauc. - C. Grasslands, fallow land, roadsides. 165-1,300 m

Jacobaea erratica (Bertol.) Fourr. - H bienn - C-Europ. - RR. Wet meadows. 163-250 m

Lactuca saligna L. - T scap - Medit-Turan. - R. Grasslands, clearings, wet places, roadsides. 164-850 m

Lactuca sativa subsp. ***serriola*** (L.) Galasso, Banfi, Bartolucci & Ardenghi - H bienn - Eurosib. - C. Grasslands, fallow land, roadsides, ruderal. 165-980 m

Lactuca virosa L. - H bienn - Medit-Atl. - S. Garrigues, scrublands, grasslands, clearings, roadsides. 200-1,350 m

Lapsana communis L. subsp. ***communis*** - T scap - Paleotemp. - S. Woodlands, clearings. 200-900 m

Leontodon tuberosus L. - H ros - Circum-Medit. - C. Grasslands, scrublands, woodlands, rocks. 164-1,350 m

§ *Leucanthemum* × *superbum* (Bergmans ex J.W.Ingram) D.H.Kent - H scap - SW-Medit. - P/CAS - RR. Fallow land, clearings. 1,050-1,060 m

Notes: this is the binomial of the taxon previously reported as *Leucanthemum* sp. It is the first report of this taxon for the Sardinian flora.

Logfia gallica (L.) Cosson & Germ. - T scap - Euri-Medit. - C. Grasslands, garrigues, scrublands, rocks, roadsides. 165-1,350 m

Logfia heterantha (Raf.) J. Holub - T scap - SW-Medit. - R. Garrigues, sandy soils, stony places. 1,200-1,330 m

Logfia minima (Sm.) Dumort. - T scap - Eurosib. - C. Garrigues, sandy soils, rocks. 300-1,340 m

§* ***Lophiolepis scabra*** (Poir.) Del Guacchio, Bureš, Iamónico & P. Caputo - H scap - SW-Medit. - R. Scrublands, grasslands, clearings. 400-1,310 m

Notes: new combination for *Cirsium scabrum* (Poir.) Bonnet. & Barrette. In 2023, we found plants of the species in the highest sector of the mountain.

Matricaria chamomilla L. - T scap - Subcosmop. - R. Grasslands, wet meadows, fallow land. 200-550 m

Mycelis muralis (L.) Dumort. subsp. ***muralis*** - H scap - Euro-Cauc. - S. Woodlands, scrublands, rocks. 250-1,280 m

Onopordum illyricum L. subsp. ***illyricum*** - H bienn - Circum-Medit. - S. Grasslands, pastures, fallow land. 165-1,210 m

Pallenis spinosa (L.) Cass. subsp. ***spinosa*** - T scap - Euri-Medit. - R. Grasslands, scrublands, scarps, clearings. 200-781 m

§ ***Pentanema squarrosus*** (L.) D. Gut. Larr., Santos-Vicente, Anderb., E. Rico & M. M. Mart. Ort. - H bienn - Euras. - R. Woodlands, clearings, scarps, roadsides. 550-1,160 m

Note: this is the new binomial of the taxon previously reported as *Inula conyzae* (Griess.) DC. (Gutiérrez-Larruscain, & al. 2019).

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

Pilosella officinarum Vaill. - H ros - Euro-Cauc. - A/CAS - RR. Clearings, scrublands, paths. 1,030-1,040 m

Pilosella ziziana (Tausch) F. W. Schultz & Sch. - H scap - CE-Europ. - C. Garrigues, scrublands, clearings, open woodlands, rocks. 200-1,330 m

Ptilostemon casabonae (L.) Greuter - H bienn - Subendem. Sa Co AT Hy - S. Scrublands, garrigues, rocks, woodlands, scarps, grasslands. 200-1,300 m

Pulicaria dysenterica (L.) Bernh. - H scap - Euri-Medit. - S. Wet places, scrublands, hedges. 400-1,290 m

Pulicaria odora (L.) Rchb. - H scap - Euri-Medit. - C. Garrigues, scrublands, woodlands, grasslands. 165-1,300 m

Pulicaria sicula (L.) Moris - T scap - Circum-Medit. - R. Wet meadows, lakes, ponds. 160-1,050 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. 164-1,330 m

Rhagadiolus edulis Gaertn. - T scap - Euri-Medit. - S. Woodlands, scrublands, grasslands. 165-1,050 m

Robertia taraxacoides (Loisel.) DC. - H ros - Subendem. Sa Co Si It Ag - C. Rocks, scarps, garrigues. 650-1,355 m

Scolymus hispanicus L. - H bienn - Euri-Medit. - C. Grasslands, pastures, scrublands. 165-1,050 m

Note: we did not specify the subspecies growing in the study area.

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. 200-1,320 m

Senecio leucanthemifolius Poir. - T scap - Circum-Medit. - RRR. Roadsides. 200-300 m

Note: we did not specify the subspecies growing in the study area.

Senecio lividus L. - T scap - Circum-Medit. - C. Scrublands, woodlands, rocks, grasslands. 164-1,350 m

Senecio vulgaris L. subsp. ***vulgaris*** - T scap - Cosmop. - C. Grasslands, fallow land, ruderal, rocks. 164-1,330 m

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. 800-1,355 m

Note: following the reintroduction of mouflon in the study area, this taxon is experiencing a significant decline in population and distribution.

Sonchus asper (L.) Hill - T scap - Euras. - S. Grasslands, fallow land, scrublands, roadsides. 165-1,250 m

Note: we did not specify the subspecies growing in the study area.

Sonchus bulbosus (L.) N. Kilian & Greuter subsp. ***bulbosus*** - G bulb - Circum-Medit. - S. Grasslands, wet places, woodlands, fallow land, scarps. 164-900 m

Sonchus oleraceus L. - T scap - Subcosmop. - C. Grasslands, fallow land, scrublands, rocks. 160-1,340 m

Sonchus tenerrimus L. - T scap - Circum-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

Taraxacum caramanicae Lojac. - H ros - Endem. Sa Si - R. Grasslands. 400-500 m

Taraxacum erythrospermum Andr. ex Besser - H ros - Paleotemp. - S. Grasslands, roadsides, clearings. 230-1,250 m

Taraxacum minimum (Briganti ex Guss.) N. Terracc. - H ros - W-Medit. - S. Grasslands, woodlands, fallow land, scrublands, roadsides. 165-1,060 m

Taraxacum montesignum Soest - H ros - W-Medit. - R. Grasslands, clearings, fallow land, roadsides. 400-1,300 m

Taraxacum sardomontanum Arrigoni - H ros - Endem. Sa - RR. Clearings, garrigues. 950-1,010 m

+ ***Taraxacum*** sect. ***Obovata*** Soest - H ros - W-Medit. - R. Roadsides, ruderal places. 200-400 m

Note: plants corresponding to this section grow in the surrounding of Berchidda.

* ***Taraxacum*** F. H. Wigg. sect. ***Taraxacum*** - H ros - Circumbor. - R. Ruderal, fallow land, roadsides, grasslands. 200-600 m

Note: we have found two taxa belonging to this section.

* ***Tolpis umbellata*** Bertol. - T scap - Circum-Medit. - C. Scrublands, grasslands, roadsides, scarps. 165-1,220 m

Note: we have found plants of the species in the highest sector of the mountain.

Tolpis virgata (Desf.) Bertol. subsp. ***virgata*** - H scap - Circum-Medit. - C. Scrublands, roadsides, grasslands, woodlands. 165-1,000 m

Tragopogon porrifolius L. - H bienn - Euri-Medit. - S. Grasslands, roadsides, fallow land, garrigues. 170-1,340 m

Tussilago farfara L. - G rhiz - Paleotemp. - RR. Wet places, roadsides. 980-1,300 m

Urospermum dalechampi (L.) Scop. ex F. W. Schmidt - H scap - Euri-Medit. - C. Grasslands, scarps, scrublands, rocks, fallow land. 164-1,330 m

Urospermum picroides (L.) Scop. Ex F. W. Schmidt - T scap - Euri-Medit. - S. Scrublands, grasslands, scarps. 170-1,050 m

+ *Xanthium orientale* L. - T scap - Amer. - A/INV - R. Shores of Lake Coghinas, wet places, fallow land. 160-500 m

Note: we revised the correct attribution of the plants previously referred to *X. strumarium* to this taxon.

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.

Note: we previously reported the species instead of *X. orientale* L.

List of Only Planted (OP) taxa

Pinales

Pinaceae

Abies nordmanniana (Steven) Spach subsp. *nordmanniana* - P scap - Caucas. - **OP** (800-1,200 m)

Cedrus deodara (Roxb.) G. Don - P scap - C-As. - **OP** (500-1,100 m)

+ *Picea abies* (L.) H.Karst. - P scap - Eurosib. - **OP**

Notes: this species was reported as cultivated in the locality Vallicciola (1,050 m a.s.l.) by Camarda (2020). The cited trees actually belong to *Pseudotsuga menziesii* (Mirb.) Franco. Nonetheless, some trees were planted with other conifers in the Forestry nurse of Fundu di Monti (500 m a.s.l.) around the half of 20th century.

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

Notes: the species was initially documented as cultivated in reforestations by Veri & Bruno (1974). Our previous record indicated it as OP. However, after a thorough revision, we have updated our data and now report *P. sabiniana* Douglas ex D.Don instead.

Pinus halepensis subsp. *brutia* (Ten.) Holmboe - P scap - NE-Medit. - **OP** (550-900 m)

+ *Pinus sabiniana* Douglas ex D.Don - P scap - N-Amer. - **OP**

Notes: the species was documented as planted in reforestations by Veri & Bruno (1974). Our previous record indicated it as not found. However, after a thorough revision, we have updated our data and now report it as OP (550-600 m).

Pseudotsuga menziensisii (Mirb.) Franco - P scap - N-Amer. - **OP** (950-1,100 m)

Cupressaceae

Hesperocyparis glabra (Sudw.) Bartel - P scap - N-Amer. - **OP** (300-1,050 m)

Sequoiadendron giganteum (Lindley) J. Bucholz - P scap - N-Amer. - **OP** (1,050-1,250 m)

Thuja occidentalis L. - P scap - N-Amer. - **OP** (1,050-1,060 m)

Proteales

Platanaceae

Platanus orientalis L. - P scap - SE-Europ. - **OP** (450-600 m)

Vitales

Buxaceae

Buxus sempervirens L. - NP - Subatl. - **OP** (450-550 m)

Malpighiales

Tiliaceae

+ *Tilia platyphyllos* Scop. - P scap - Euro-Cauc. - **OP**

Notes: several trees were planted in the town of Tempio Pausania and in the forestry area Limbara Sud (500-550 m a.s.l.), but they did not originate any kind of naturalization yet. We did not specify the subspecies growing in the study area.

Salicaceae

+ *Salix alba* L. - P scap - Paleotemp. - **OP**

Note: several trees were planted in the Forestry area Limbara Sud (550-650 m).

Salix babylonica L. - P scap - As. - **OP** (250-550 m)

Rosales

Fagaceae

Quercus rubra L. - P scap - N-Amer. - **OP** (550-1,070 m)

Juglandaceae

Juglans regia L. - P scap - SW-As. - **OP** (200-700 m)

Myrtales

Myrtaceae

Eucalyptus globulus Labill. subsp. *globulus* - P scap - Austral. - **OP** (165-600 m)

Malvales

Aceraceae

Acer campestre L. - P scap - Euro-Cauc. - **OP** (300-600 m)

Sapindaceae

Aesculus hippocastanum L. - P scap - Balcan. - **OP** (200-550 m)

Lamiales

Oleaceae

Syringa vulgaris L. - P caesp - SE-Europ. – **OP** (200-1,050 m)

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Table S1: Biological spectra of the four belts on which can be divided the flora of Mount Limbara.

BELT	CH	G	H	HE	I	NP	P	T	TOT.
160-500	23	128	255	2	19	25	82	416	950
501-800	26	121	280	2	13	23	82	361	908
801-1,200	24	99	245	2	6	24	70	296	766
1,201-1,359	20	50	171	2	0	16	35	161	455

Table S2: most relevant chorological data in relation to the elevational gradient of Mount Limbara. Abbreviations are as follows: Am. = American; As. = Asian; S.A. = South African; E-M. = Euro-Mediterranean; C-M. = Circum-Mediterranean; E-C. = Euro-Caucasian; CB. = Circumboreal; PT. = Paleo-temperate; E.S. = Endemic of Sardinia; E.S-C. = Endemic of Sardinia and Corsica; End. = Endemic of the Tyrrhenian province and Italy; SE. = Sub-endemic.

Belt	Am.	As.	S.A.	E-M.	C-M.	E-C.	CB.	PT.	E.S.	E.S-C.	End.	SE.
160-500	3.5	1.4	0.8	18.7	19.4	1.7	1.8	6.3	0.5	1.4	1.9	1.3
501-800	2.1	0.8	0.3	18.3	17.3	2.5	2.1	6.4	1	2	2.2	1.7
801-1,200	1.8	0.4	0.1	18.5	16.1	3.1	2.6	7	1.8	4.1	2.5	2
1,201-1,359	0.4	0.4	0.2	19.1	12.3	3.3	3.1	7.5	2.2	5.5	2.2	2.7