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Red list of threatened vascular plant species in Italy

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48 **Keywords:** Biodiversity conservation, threatened plants; IUCN Red Lists; Mediterranean Basin;
49 prioritization

50

51 **Abstract**

52 Italy has a rich natural heritage, which is dangerously under pressure. In recent years, there is an
53 increased awareness of the crucial role of plants in ecosystem functioning and in providing ecosystem
54 services. Consequently, an updated Red List of the Italian vascular flora was compiled in this work,
55 at the request of the Ministry for Environment, Land and Sea Protection, with the scientific support
56 of the Italian Botanical Society. The IUCN Red List criteria were applied to 2,430 Italian native
57 vascular plant taxa to assess their current extinction risk and to highlight the major threats affecting

58 the Italian flora. Our results revealed that 54 taxa (2.2% of the assessed taxa) are extinct or possibly
59 extinct at regional level, while 590 taxa (24.3%) were assigned to a risk category. Moreover, 404 taxa
60 (16.6%) were categorized as Data Deficient. The Italian vascular flora is primarily threatened by
61 habitat modifications due to anthropic disturbance and, especially, to agriculture, tourism and
62 residential development. Coastal areas and lowlands, where anthropogenic impacts and ecosystem
63 destruction are more pronounced, host the greatest number of extinct or declining taxa. Our results
64 represent an important baseline to establish conservation priorities, legislative choices and
65 intervention strategies on a national scale.

66

67

68 **Introduction**

69 One of the main goals of Conservation Biology is to avoid extinctions and to reduce rates of species
70 decline. Due to the large amount of threatened taxa, this requires an estimation of the species
71 extinction risk in order to identify taxa, and geographical areas that are priority for conservation
72 (Possingham et al. 2002; Isaac et al. 2007; Carta et al. 2019). Current understanding of ongoing
73 extinction comes primarily from projections or assessments of extinction risk (Brummitt et al. 2015;
74 Humphreys et al. 2019). The IUCN Red Lists of Threatened Species are widely recognized as the
75 most authoritative information source on the extinction risk of species, because they use a
76 standardized set of quantitative criteria for assessing species conservation status and threats (Maes et
77 al. 2015; Collen et al. 2016). The application of the IUCN Red List categories and criteria allows the
78 production of Red Lists, which are widely recognized as valuable tools in nature conservation
79 programmes (IUCN 2017). For instance, up-to-date Red Lists are fundamental starting points for
80 conservation actions as they provide useful information to support prioritization procedures of
81 conservation emergencies, and to monitor changes in the conservation status of species (Moreno Saiz
82 et al. 2015). Moreover, although Red Lists cannot be considered policy prescriptive, they represent
83 a valid tool (if not the only one available) to highlight the presence of threatened plant species in
84 Natura 2000 sites Standard Data Forms.

85 Although in several countries the priority of up-to-date Red Lists has been addressed since a long
86 time, the urgency of compiling Red Lists has long been underestimated in Italy.

87 The first Italian red data book included vascular plants, bryophytes and lichens (Conti et al. 1992). It
88 listed 458 vascular plants, representing 5.6% of the Italian native vascular flora.

89 This first contribution was followed by revisions, limited to vascular plants, at national and regional
90 levels (Conti et al. 1997; Pignatti et al. 2001). These Red Lists stimulated Italian botanists to

91 investigate rare and declining plants. As a major outcome, after a few years, several species
92 considered to be extinct in Italy were rediscovered. These include *Brassica procumbens* (Poir.)
93 O.E.Schulz (Baldini 1998), *Gagea spathacea* (Hayne) Salisb. (Delfini et al. 2005), and *Trifolium*
94 *latinum* Sebast. (Fanelli et al. 2012). Additionally, the publication of national checklists (Conti et al.
95 2005; Bartolucci, Peruzzi, et al. 2018) substantially improved the knowledge on the Italian flora since
96 the first version of the Red List was published. Such checklists incorporated the latest taxonomic
97 updates, along with a large amount of floristic and taxonomic novelties published in regional and
98 local floras, and in the scientific reports published by the working group for Floristics, Systematics
99 and Evolution of the Italian Botanical Society (Bartolucci et al. 2016; Bartolucci, Peruzzi, et al. 2018;
100 Bartolucci, Domina, Ardenghi, Banfi, et al. 2018, Bartolucci, Domina, Ardenghi, Bacchetta, et al.
101 2018; Bartolucci et al. 2019). Therefore, new data concerning the diversity of the Italian vascular
102 flora highlighted the need to update the existing Italian Red Lists of vascular plants. This urgency is
103 emphasized by the fact that such Red Lists were compiled based on an older version of the IUCN red
104 listing protocol, which shows substantial differences from the current IUCN standards (IUCN 2012a).
105 A further boost to a new red listing phase of the Italian flora was given by a series of papers published
106 since 2008 in the journal *Informatore Botanico Italiano* (currently *Italian Botanist*), devoted to the
107 assessment of plant taxa of conservation concern (e.g., Rossi et al. 2008; Fenu et al. 2018, 2019;
108 Orsenigo, Cambria, et al. 2018, Orsenigo et al. 2019).
109 Finally, in 2012 the Italian Ministry for Environment, Land and Sea Protection commissioned the
110 Italian Botanical Society to produce a New Red List of the Italian flora (Rossi et al. 2013; 2014;
111 2020). The present work, coordinated by the working group for Nature Conservation of the Italian
112 Botanical Society, provides and analyses the results of the assessment of 2,430 Italian vascular plant
113 taxa, thus representing the most comprehensive report on the conservation status of the flora of Italy.
114 The information presented here will be a reference for planning conservation actions and for raising
115 public awareness on plant diversity in Italy.

116

117 **Materials and methods**

118 *Species selection and information source*

119 The overall target included 2,430 taxa, which were selected according to three criteria: 1) policy
120 species (PS: taxa listed in the annexes of the Habitats Directive 92/43/EEC and Bern Convention)
121 (Rossi et al. 2016; Fenu et al. 2017), 2) taxa endemic to Italy (Peruzzi et al. 2014), and 3) a group of
122 taxa of conservation concern. The latter group encompassed: a) plants occurring in highly threatened
123 habitats (e.g., wetlands and coastal habitats) for which a decline was documented over the last 30

124 years, and b) taxa considered as EX, EW, or CR in the previous Italian Red Lists (Conti et al. 1992,
125 1997).

126 As far as the information source is concerned, in the final dataset we summed up all the risk
127 assessments currently available for the Italian vascular plants. In particular, the assessment data for
128 Italian policy species and Italian endemic taxa were deduced from Rossi et al. (2016) and Orsenigo,
129 Montagnani, et al. (2018), respectively. Further information for other species of conservation concern
130 were obtained from the contributions published since 2008 in the journal *Informatore Botanico*
131 *Italiano* (later *Italian Botanist*). Finally, the dataset was completed by integrating unpublished data
132 for 932 taxa (Table 1).

133

134 *Red listing procedure*

135 The conservation status of the selected taxa was assessed according to the IUCN categories and
136 criteria (IUCN 2012a). Records on species distribution were collected from published and
137 unpublished data, herbarium specimens, and recent field surveys (since the early 2000s onwards). For
138 taxa growing in pristine habitats, such vertical cliffs or remote forests, data since the early 1990s were
139 used. All of the collected records were validated by groups of regional experts (Rossi et al. 2013;
140 2020). The taxonomic nomenclature was updated according to the recent national checklist
141 (Bartolucci, Peruzzi, et al. 2018) and subsequent updates Bartolucci, Domina, Ardenghi, Banfi, et al.
142 2018; Bartolucci, Domina, Ardenghi, Bacchetta, et al. 2018; Bartolucci, et al. 2019). The collection
143 of data on distribution and threats was followed by a preliminary assessment, which underwent a
144 process of peer review during a series of workshops promoted by the working group for Nature
145 Conservation of the Italian Botanical Society (Rossi et al. 2014). Over 100,000 records were
146 processed in QGIS 2.18 (2017). These records were organized into a geo-database including sites of
147 taxon occurrence (a total of 59,887 cells) on a fixed 2_2 km grid (Gargano 2011), population trends,
148 and the main threats at local level identified by means of expert-based observations and literature
149 sources. Threats were classified according to the IUCN threats classification scheme (version 3.2 –
150 IUCN 2012b), and the relative data were used to classify the major threats affecting vascular plants
151 in Italy. The assessments were mostly based on criterion B. However, when reliable data on
152 population size and/or trends were available, other criteria were also applied (i.e. A, C, and D). The
153 grid-based mapping approach allowed for standardizing calculations of Area of Occupancy (AOO),
154 as required under criterion B2 (IUCN 2012a). Following the precautionary approach suggested by
155 Butchart et al. (2006), taxa that were not recorded during the previous three decades, but for which
156 uncertainty regarding extinction remained, were categorized as “Critically Endangered - Possibly

157 Extinct [CR(PE)]". A taxon was considered extinct (EX) when it was not recorded in the last 50 years,
 158 and when recent field surveys focused on finding the taxon in its historical area of occurrence were
 159 unsuccessful.

160 **Results**

161 *Red listing*

162 Overall, our dataset included the assessment of the extinction risk for 29.7% of the whole Italian
 163 vascular flora. Nine taxa (0.4% of the assessed taxa) were categorized as Extinct (EX) or Regionally
 164 Extinct (RE) in Italy: *Aldrovanda vesiculosa* L., *Anthyllis hermanniae* L. subsp. *sicula* Brullo &
 165 Giusso, *Herniaria fontanesii* Gay subsp. *Empedocleana* (Lojac.) Brullo, *Hieracium tolstoii* Fen. &
 166 Zahn, *Limonium catanense* (Tineo ex Lojac.) Brullo, *Ranunculus hostiliensis* Pignatti, *Ranunculus*
 167 *mutinensis* Pignatti, *Sonchus palustris* L., *Suaeda kocheri* Guss. ex C.Brullo, Brullo & Giusso. Four
 168 taxa (0.2%) were recognized as Extinct in the Wild (EW) in Italy: *Carlina acanthifolia* All. subsp.
 169 *utzka* (Hacq.) Meusel & K&easterner, *Clematis integrifolia* L., *Limonium intermedium* (Guss.) Brullo,
 170 and *Stratiotes aloides* L. The category EW assigned to *L. intermedium* is valid at a global level, since
 171 this species is endemic to Italy. Forty-one taxa (1.7%) were not recorded in recent years and were,
 172 thus, qualified as Critically Endangered (Possibly Extinct) [CR(PE)] (Figure 1; Table S1). Overall,
 173 590 taxa (24.3%) were assigned to a risk category (Figure 1). Additional 395 taxa (16.2%) qualified
 174 as Near Threatened (NT), and 987 (40.6%) as Least Concern (LC). Finally, 404 taxa (16.6%) were
 175 considered as Data Deficient (DD), because available data did not allow a reliable assessment.

176

177 **Table 1.** IUCN Red list status and assessment criteria for the Italian vascular flora. For risk category
 178 of all Italian endemic taxa see Orsenigo, Montagnani, et al. (2018b). For risk category of Italian policy
 179 species see Rossi et al. (2016). Threats follow the IUCN Classification Scheme (version 3.2-IUCN
 180 2012b).

Family	TAXON	Threat Category	Criteria	Threats
Lamiaceae	<i>Acanthoprasium frutescens</i> (L.) Spenn.	NT		7.1.1; 4.1; 4.2; 7.3; 9.1
Asteraceae	<i>Achillea pratensis</i> Saukel & R.L&anger	DD		
Amaryllidaceae	<i>Acis autumnalis</i> (L.) Sweet	NT		1.1; 2.3; 1.3; 6.1
Amaryllidaceae	<i>Acis rosea</i> (F.Martin Bis) Sweet	LC		2.3
Ranunculaceae	<i>Aconitum angustifolium</i> Rehb.	LC		5.2.1; 7.3
Ranunculaceae	<i>Aconitum burnatii</i> G&ayer subsp. <i>burnatii</i>	LC		
Ranunculaceae	<i>Aconitum degenii</i> G&ayer subsp. <i>valesiacum</i> (G&ayer) Mucher	NT		4.1; 5.2
Ranunculaceae	<i>Adonis vernalis</i> L.	EN	B2ab(iii,v)	2; 6

Poaceae	<i>Aeluropus lagopoides</i> (L.) Trin. ex Thwaites	LC		1.1; 1.3; 4.1; 9.4
Brassicaceae	<i>Aethionema thomasianum</i> J.Gay	VU	B1ab(iii,v)+2ab(iii,v)	6.1; 5.2; 2.3
Poaceae	<i>Agrostis stolonifera</i> L. subsp. <i>scabriglumis</i> (Boiss. & Reut.) Maire	LC		2.3; 4.1; 7.2; 9.4
Poaceae	<i>Aira provincialis</i> Jord.	VU	D1	7.3
Poaceae	<i>Aira tenorei</i> Guss.	LC		1.1; 1.3; 2.1; 2.3.1; 4.1; 7.1.1
Poaceae	<i>Airopsis tenella</i> (Cav.) Coss. & Durieu	NT		7.3
Lamiaceae	<i>Ajuga iva</i> (L.) Schreb. subsp. <i>pseudoiva</i> (DC.) Briq.	NT		1.1; 1.3; 2.1; 4.1
Boraginaceae	<i>Alkanna lutea</i> Moris	EN	B1ab(iii,v)+2ab(iii,v)	7.3
Amaryllidaceae	<i>Allium acutiflorum</i> Loisel.	DD		
Amaryllidaceae	<i>Allium chamaemoly</i> L. subsp. <i>chamaemoly</i>	LC		1.1; 1.3; 2.1; 4.1; 8.2.1; 5.2.2; 7.1.1; 7.3; 10.1
Amaryllidaceae	<i>Allium chamaespathum</i> Boiss.	DD		1.2; 1.3; 2.3; 4.1; 7.1.2; 6.1
Amaryllidaceae	<i>Allium commutatum</i> Guss.	LC		
Amaryllidaceae	<i>Allium cyrilli</i> Ten.	LC		
Amaryllidaceae	<i>Allium neapolitanum</i> Cirillo	LC		1.1; 1.3; 4.1; 5.2.1; 5.2.2; 6.1
Amaryllidaceae	<i>Allium parciflorum</i> Viv.	LC		2.2; 2.3
Amaryllidaceae	<i>Allium pendulinum</i> Ten.	LC		1.3; 2.3; 4.1; 5.2.1; 5.3; 8.2.1; 6.1
Amaryllidaceae	<i>Allium permixtum</i> Guss.	VU	B1ab(iii)+2ab(iii)	2.3
Amaryllidaceae	<i>Allium polyanthum</i> Schult. & Schult.f.	DD		
Amaryllidaceae	<i>Allium roseum</i> L. subsp. <i>roseum</i>	LC		1.1; 1.3; 2.1; 4.1; 7.1; 7.3; 5.2.1
Amaryllidaceae	<i>Allium savii</i> Parl.	NT		1; 2.3; 7
Amaryllidaceae	<i>Allium trifoliatum</i> Cirillo	NT		1.1; 2.1; 2.3; 4.1; 7.3
Amaryllidaceae	<i>Allium triquetrum</i> L.	LC		1.1; 1.3; 2.1; 4.1; 5.2.1
Betulaceae	<i>Alnus cordata</i> (Loisel.) DUBY	LC		
Poaceae	<i>Alopecurus arundinaceus</i> Poir. subsp. <i>arundinaceus</i>	DD		
Potamogetonaceae	<i>Althenia filiformis</i> Petit subsp. <i>filiformis</i>	EN	B2ab(iii,v)	2.1; 7.2; 7.3
Brassicaceae	<i>Alyssum repens</i> Baumg.	DD		
Brassicaceae	<i>Alyssum siculum</i> Jord.	LC		
Brassicaceae	<i>Alyssum wulfenianum</i> Bernh.	LC		6.1
Araceae	<i>Ambrosinia bassii</i> L.	NT		3.1; 6.1
Rosaceae	<i>Amelanchier ovalis</i> Medik. subsp. <i>embergeri</i> Favarger & Stearn	LC		
Poaceae	<i>Ampelodesmos mauritanicus</i> (Poir.) T.Durand & Schinz	LC		1.1; 1.3; 3.3; 4.1; 7.1; 7.3
Plantaginaceae	<i>Anarrhinum corsicum</i> Jord. & Fourr.	NT		2.2; 2.3
Boraginaceae	<i>Anchusa formosa</i> Selvi, Bigazzi & Bacch.	LC		10.3; 11.4
Primulaceae	<i>Androsace adfinis</i> Biroli subsp. <i>adfinis</i>	LC		
Primulaceae	<i>Androsace adfinis</i> Biroli subsp. <i>brigantiaca</i> (Jord. & Fourr.) Kress	LC		
Primulaceae	<i>Androsace adfinis</i> Biroli subsp. <i>puberula</i> (Jord. & Fourr.) Kress	LC		1.3; 2.3; 6.1
Primulaceae	<i>Androsace elongata</i> L. subsp. <i>breistrofferi</i> (Charpin & Greuter) Molero & J.M.Monts.	NT		
Primulaceae	<i>Androsace pubescens</i> DC.	NT		5.2
Primulaceae	<i>Androsace septentrionalis</i> L.	LC		
Primulaceae	<i>Androsace vitaliana</i> (L.) Lapeyr. subsp. <i>cinerea</i> (Sünd.) Kress	LC		
Asteraceae	<i>Andryala tenuifolia</i> (Tineo) DC.	LC		1.1, 4.1
Ranunculaceae	<i>Anemone palmata</i> L.	EN	B2ab(iii,v)	2.1; 2.3; 7.1; 7.3
Poaceae	<i>Anisantha macranthera</i> (Hack. ex Trab.) P.Silva	LC		
Poaceae	<i>Anthoxanthum gracile</i> Biv.	LC		1.1

Poaceae	<i>Anthoxanthum ovatum</i> Lag.	LC		1; 2.1.1; 2.3; 7.3
Fabaceae	<i>Anthyllis hermanniae</i> L. subsp. <i>corsica</i> Brullo & Giusso	CR(PE)		
Fabaceae	<i>Anthyllis vulneraria</i> L. subsp. <i>versicolor</i> (Dalla Torre & Sarnth.) Guterma	LC		
Poaceae	<i>Antinoria insularis</i> Parl.	NT		4.1; 7.2; 7.3; 11.1
Rosaceae	<i>Aphanes pusilla</i> (Pomel) Batt.	LC		
Asparagaceae	<i>Aphyllanthes monspeliensis</i> L.	LC		6.1; 7.3; 11.1
Apocynaceae	<i>Apteranthes europaea</i> (Guss.) Plowes subsp. <i>europaea</i>	NT		1.1; 1.3; 5.2; 6.1; 9.1
Brassicaceae	<i>Arabis allionii</i> DC.	LC		
Caryophyllaceae	<i>Arenaria aggregata</i> (L.) Loisel. subsp. <i>aggregata</i>	VU	D1	4; 7.1; 7.3
Caryophyllaceae	<i>Arenaria balearica</i> L.	LC		
Caryophyllaceae	<i>Arenaria bertolonii</i> Fiori	LC		3.2
Araceae	<i>Arisarum proboscideum</i> (L.) Savi	LC		1.3.3; 4.1; 5.3.3; 7.1.3; 8.1.2; 8.2.2
Poaceae	<i>Aristida adscensionis</i> L.	EN	B2ab(iii,v)	1.3; 2.1.1; 4.1; 7.3; 8.1
Aristolochiaceae	<i>Aristolochia clusii</i> Lojac.	DD		
Aristolochiaceae	<i>Aristolochia navicularis</i> E.Nardi	LC		1.3; 2.3; 7.2; 11.2
Aristolochiaceae	<i>Aristolochia rotunda</i> L. subsp. <i>insularis</i> (E.Nardi & Arrigoni) Gamisans	LC		
Aristolochiaceae	<i>Aristolochia tyrrhena</i> E.Nardi & Arrigoni	LC		
Plumbaginaceae	<i>Armeria pungens</i> (Link) Hoffmanns. & Link	EN	B2ab(iii,v)	1.3; 4.1; 6.1; 8.1
Poaceae	<i>Arrhenatherum album</i> (Vahl) Clayton	DD		
Asteraceae	<i>Artemisia atrata</i> Lam.	EN	B1ab(iii,v)+2ab(iii,v)	1; 2; 5
Asteraceae	<i>Artemisia caerulescens</i> L. subsp. <i>densiflora</i> (Viv.) Kerguelen & Lambinon	NT		1.3; 6.1
Asteraceae	<i>Artemisia caerulescens</i> L. subsp. <i>gallica</i> (Willd.) K.M.Perss.	DD		
Asteraceae	<i>Artemisia chamaemelifolia</i> Vill. subsp. <i>chamaemelifolia</i>	NT		6.1; 7.3
Asteraceae	<i>Artemisia vallesiaca</i> All.	NT		1.1; 1.2; 2.1; 4.1
Araceae	<i>Arum cylindraceum</i> Gasp. ex Guss.	LC		2.3; 4.1; 5.3.3
Araceae	<i>Arum pictum</i> L.f. subsp. <i>pictum</i>	LC		
Poaceae	<i>Arundo plinii</i> Turra	DD		
Asparagaceae	<i>Asparagus albus</i> L.	LC		1.3; 4.1; 7.1; 7.3
Asparagaceae	<i>Asparagus pastorianus</i> Webb & Berthel.	NT		1.1; 1.3; 2.1; 2.3; 5.3
Rubiaceae	<i>Asperula hexaphylla</i> All.	LC		
Xanthorrhoeaceae	<i>Asphodeline liburnica</i> (Scop.) Rchb.	LC		2.2.1; 3.3; 4.1; 4.2; 7.1; 7.3
Xanthorrhoeaceae	<i>Asphodelus ayardii</i> Jahand. & Maire	VU	D2	4.1; 4.2; 9.3.3
Xanthorrhoeaceae	<i>Asphodelus cerasiferus</i> J.Gay	DD		
Asphodelaceae	<i>Asphodelus tenuifolius</i> Cav.	EN	A2c	1.1; 1.3; 4.1; 7.1; 7.3
Aspleniaceae	<i>Asplenium sagittatum</i> (DC.) Bange	EN	A2ac+B1ab(i,ii,iii,iv,v)+2ab(i,ii,iii,iv,v)	2.3; 5.2.2; 7.2; 7.3;
Fabaceae	<i>Astragalus austriacus</i> Jacq.	LC		
Fabaceae	<i>Astragalus peregrinus</i> Vahl subsp. <i>warionis</i> (Gand.) Maire	CR	B1ab(v)+2ab(v)	1.3; 2.1; 9.3.2
Fabaceae	<i>Astragalus scorpioides</i> Willd.	CR(PE)		
Fabaceae	<i>Astragalus terraccianoii</i> Vals.	EN	B1ab(iii,v)+2ab(iii,v)	1.3; 2.3; 7.3
Fabaceae	<i>Astragalus vesicarius</i> L. subsp. <i>carniolicus</i> (A.Kern.) Chater	VU	B1ab(iii,v)+2ab(iii,v)	7.3
Apiaceae	<i>Astrantia bavarica</i> F.W.Schultz	NT		1.3; 2.3; 7.3
Apiaceae	<i>Astrantia carniolica</i> Jacq.	LC		7.3; 11
Apiaceae	<i>Athamanta ramosissima</i> Port.	NT		4.1; 7.1.1; 7.3; 10.3
Apiaceae	<i>Athamanta turbith</i> (L.) Brot. subsp. <i>turbith</i>	LC		6
Amaranthaceae	<i>Atriplex glauca</i> L.	CR(PE)		

Brassicaceae	<i>Aurinia petraea</i> (Ard.) Schur	VU	B 1ab(iii,iv,v)	4.1; 7.3
Poaceae	<i>Avena saxatilis</i> (Lojac.) Rocha Afonso	DD		
Poaceae	<i>Avena insularis</i> Ladiz.	NT		2.1; 2.2; 7.1
Alismataceae	<i>Baldellia ranunculoides</i> (L.) Parl.	EN	B2ab(i,ii,iii,iv,v)	1.1; 2.1; 2.3; 2.4.1; 7; 7.2.2; 7.3; 8.1.2; 9.3; 11.2
Brassicaceae	<i>Barbarea rupicola</i> Moris	LC		
Brassicaceae	<i>Barbarea sicula</i> C.Presl	NT		2.3.1; 6.1; 7.3; 11.2
Orchidaceae	<i>Barlia robertiana</i> (Loisel.) Greuter	LC		1.1; 1.3; 2.1; 2.3; 4.1; 5.2.1; 7.1; 7.3; 8.2.1; 11.1
Amaranthaceae	<i>Bassia hyssopifolia</i> (Pall.) Kuntze	CR(PE)		
Amaranthaceae	<i>Bassia prostrata</i> (L.) Beck	LC		1.1; 1.2; 2.1; 4.1
Asparagaceae	<i>Bellevalia romana</i> (L.) Sweet	LC		2.1; 7.3
Asparagaceae	<i>Bellevalia trifoliata</i> (Ten.) Kunth	VU	A2c+B2ab(i,ii,iii,iv,v)	2
Asteraceae	<i>Bellium bellidioides</i> L.	LC		
Asteraceae	<i>Bellium minutum</i> (L.) L.	NT		1.3; 4.1
Asteraceae	<i>Berardia lanuginosa</i> (Lam.) Fiori	LC		
Berberidaceae	<i>Berberis aetnensis</i> C.Presl	LC		10.1
Brassicaceae	<i>Berteroa mutabilis</i> (Vent.) DC.	DD		
Araceae	<i>Biarum dispar</i> (Schott) Talavera	EN	B 1ab(i,ii,iii,iv,v)+2ab(i, ii,iii,iv,v)	6; 3
Araceae	<i>Biarum tenuifolium</i> (L.) Schott subsp. <i>abbreviatum</i> (Schott) K.Richt.	DD		
Araceae	<i>Biarum tenuifolium</i> (L.) Schott subsp. <i>tenuifolium</i>	LC		2.3.1; 7.1; 7.3
Brassicaceae	<i>Biscutella brevicaulis</i> Jord.	LC		
Fabaceae	<i>Bituminaria morisiana</i> (Pignatti & Metlesics) Greuter	LC		
Brassicaceae	<i>Bivonaea lutea</i> (Biv.) DC.	NT		1.1; 2.1; 2.3; 4.1; 9.3.2
Boraginaceae	<i>Borago pygmaea</i> (DC.) Chater & Greuter	EN	B2ab(iii,v)	2.2; 2.3; 4.1; 7.2; 7.3; 11.1; 11.2
Poaceae	<i>Brachypodium phoenicoides</i> (L.) Roem. & Schult.	LC		1.1; 2.1; 2.3; 4.1; 7.1
Brassicaceae	<i>Brassica montana</i> Pourr.	VU	B2ab(iii,v)	3; 6; 7; 10; 11
Brassicaceae	<i>Brassica procumbens</i> (Poir.) O.E.Schulz	NT		1; 7; 8
Brassicaceae	<i>Brassica repanda</i> (Willd.) DC.	LC		
Brassicaceae	<i>Brassica souliei</i> (Batt.) Batt. subsp. <i>amplexicaulis</i> (Desf.) Greuter & Burdet	NT		1.1; 2.1; 2.3; 4.1; 9.3.2
Brassicaceae	<i>Braya alpina</i> Sternb. & Hoppe	LC		
Asparagaceae	<i>Brimeura fastigiata</i> (Viv.) Chouard	LC		
Poaceae	<i>Bromopsis condensata</i> (Hack.) Holub subsp. <i>condensata</i>	DD		
Poaceae	<i>Bromus alopecuroides</i> Poir. subsp. <i>alopecuroides</i>	LC		1.1; 7.1; 2.1.1; 3.2; 7.3
Poaceae	<i>Bromus arvensis</i> L. subsp. <i>segetalis</i> H.Scholz	DD		
Poaceae	<i>Bromus parvispiculatus</i> H.Scholz	NT		7.3
Cucurbitaceae	<i>Bryonia acuta</i> Desf.	EN	B2ab(iii,iv,v)	1.1; 1.3; 2.1
Cucurbitaceae	<i>Bryonia marmorata</i> E.Petit	LC		
Apiaceae	<i>Bubon macedonicum</i> L.	CR	B 1ab(i,ii,iii,iv,v)+2ab(i, ii,iii,iv,v)	5
Caryophyllaceae	<i>Bufonia tenuifolia</i> L.	DD		
Apiaceae	<i>Bunium corydalinum</i> DC.	LC		
Apiaceae	<i>Bupleurum falcatum</i> L. subsp. <i>corsicum</i> (Coss. & Kralik) Rouy & E.G.Camus	DD		
Apiaceae	<i>Bupleurum gracile</i> d'Urv.	CR	B 1ab(iii,v)+2ab(iii,v)	7.1; 7.3
Apiaceae	<i>Bupleurum trichopodium</i> Boiss. & Spruner	DD		1.3; 6.1
Butomaceae	<i>Butomus umbellatus</i> L.	VU	B2ab(i,ii,iii,iv,v)	2.1; 2.1.3; 5.2.2; 7.2; 7.2.3; 7.3; 8.1; 8.2; 9.1.1; 9.3.1; 9.3.3; 11.1; 11.4
Buxaceae	<i>Buxus balearica</i> Lam.	CR	B 1ab(iii,v)+2ab(iii,v)	1.3; 2.3; 3.2; 7.1; 9.2.2

Poaceae	<i>Calamagrostis corsica</i> (Hack. ex Briq.) Prain	LC		
Asteraceae	<i>Calendula stellata</i> Cav.	DD		1.1; 7.1
Plantaginaceae	<i>Callitriche truncata</i> Guss. subsp. <i>occidentalis</i> (Rouy) Braun-Blanq.	NT		1.3; 7.2
Brassicaceae	<i>Camelina alyssum</i> (Mill.) Thell. subsp. <i>alyssum</i>	CR(PE)		
Campanulaceae	<i>Campanula alpestris</i> All.	LC		6.1; 5.2; 10.3; 11
Campanulaceae	<i>Campanula excisa</i> Schleich. ex Murith	LC		1.3; 2.3; 5.2; 6.1
Campanulaceae	<i>Campanula fritschii</i> Witasek	VU	D1	7.3
Campanulaceae	<i>Campanula lingulata</i> Waldst. & Kit.	CR(PE)		
Campanulaceae	<i>Campanula macrorhiza</i> J.Gay ex A.DC.	LC		
Campanulaceae	<i>Campanula persicifolia</i> L. subsp. <i>sessiliflora</i> (K.Koch) Velen.	DD		1.1
Campanulaceae	<i>Campanula sibirica</i> L. subsp. <i>divergentiformis</i> (Jáv.) Domin	LC		
Campanulaceae	<i>Campanula stenocodon</i> Boiss. & Reut.	LC		2.3; 5.2; 6.1
Campanulaceae	<i>Campanula thyrsoides</i> L. subsp. <i>carniolica</i> (Sünd.) Podlech	LC		2; 5; 7
Campanulaceae	<i>Campanula versicolor</i> Andrews	LC		6.1
Asteraceae	<i>Carduus collinus</i> Waldst. & Kit. subsp. <i>cylindricus</i> (Borbás) Soó	EN	B1ab(iii,v)+2ab(iii,v)	7.3
Asteraceae	<i>Carduus fasciculiflorus</i> Viv.	LC		1.3; 6.1
Asteraceae	<i>Carduus nutans</i> L. subsp. <i>alpicola</i> (Gillot) Chass. & Arènes	DD		
Asteraceae	<i>Carduus personata</i> (L.) Jacq. subsp. <i>albidus</i> (Adamović) Kazmi	DD		
Asteraceae	<i>Carduus sardous</i> DC.	LC		
Cyperaceae	<i>Carex atrofusca</i> Schkuhr	EN	B1ab(iii,v)+2ab(iii,v)	2; 10; 11
Cyperaceae	<i>Carex bohemica</i> Schreb.	DD		
Cyperaceae	<i>Carex buekii</i> Wimm.	EN	B1ab(iii)+2ab(iii)	2.1; 7.2.3; 9.3.1; 9.3.3
Cyperaceae	<i>Carex buxbaumii</i> Wahlenb.	EN	B2ab(iii)	5; 7
Cyperaceae	<i>Carex capitata</i> L.	CR	B2ab(iii,v)	2; 6
Cyperaceae	<i>Carex chordorrhiza</i> L.f.	EN	B1ab(iii,v)+2ab(iii,v)	2; 6
Cyperaceae	<i>Carex heleonastes</i> L.f.	CR	B1ab(iii)	2.3; 7.2; 9.3; 11.2
Cyperaceae	<i>Carex hispida</i> Willd. ex Schkuhr	LC		1.3; 2.1.1; 4.1; 7.2.3
Cyperaceae	<i>Carex illegitima</i> Ces.	NT		4.1; 5.3; 7.1
Cyperaceae	<i>Carex laevigata</i> Sm.	NT		2.3; 6.1; 7.2
Cyperaceae	<i>Carex macrolepis</i> DC.	LC		
Cyperaceae	<i>Carex mairei</i> Coss. & Germ.	VU	D1	7.3
Cyperaceae	<i>Carex melanostachya</i> Willd.	CR	B2ab(iii,v)	7
Cyperaceae	<i>Carex microcarpa</i> Bertol. ex Moris	NT		1.3; 2.3; 7.2
Cyperaceae	<i>Carex muricata</i> L.	LC		
Cyperaceae	<i>Carex nigra</i> (L.) Reichard subsp. <i>intricata</i> (Tineo ex Guss.) Rivas Mart.	NT		2.3; 4.1; 7.2.3; 7.3
Cyperaceae	<i>Carex norvegica</i> Retz.	VU	B1ab(iii,v)	6.1; 7.2; 11.1
Cyperaceae	<i>Carex oedipostyla</i> Duval-Jouve	LC		
Cyperaceae	<i>Carex olbiensis</i> Jord.	LC		1.1; 2.1; 2.3; 4.1; 5.3; 6.1; 7.1; 7.3
Cyperaceae	<i>Carex phyllostachys</i> C.A.Mey.	DD		
Cyperaceae	<i>Carex randalpina</i> B.Walln.	EN	B1ab(iii)+2ab(iii)	2.1; 7.2
Cyperaceae	<i>Carex rostrata</i> Stokes	NT		1; 2.3.2; 7.2; 9.3.2; 11.1
Cyperaceae	<i>Carex supina</i> Wahlenb.	LC		7.3
Cyperaceae	<i>Carex vaginata</i> Tausch	VU	D2	2.3; 11.1; 7.2; 9.3; 11.2
Cyperaceae	<i>Carex vulpina</i> L.	EN	B2ab(iii,v)	7.3; 8.2.2
Asteraceae	<i>Carlina acanthifolia</i> All. subsp. <i>utzka</i> (Hacq.) Meusel & Kästner	EW		

Asteraceae	<i>Carlina biebersteinii</i> Bernh. ex Hornem. subsp. <i>brevibracteata</i> (Andrae) K.Werner	DD		7.1
Asteraceae	<i>Carlina involucrata</i> Poir.	VU	D2	1.1; 1.3; 2.1; 2.3; 6.3
Asteraceae	<i>Carlina racemosa</i> L.	LC		
Asteraceae	<i>Carlina sicula</i> Ten. subsp. <i>mareotica</i> (Asch. & Schweinf.) Greuter	LC		1.1; 1.3; 4.1
Asteraceae	<i>Carpesium abrotanoides</i> L.	NT		1.1; 7.2; 7.3; 9.3
Asteraceae	<i>Carthamus creticus</i> L.	DD		
Asteraceae	<i>Carthamus dentatus</i> (Forssk.) Vahl	CR(PE)		
Asteraceae	<i>Carthamus pinnatus</i> Desf.	LC		
Poaceae	<i>Castellia tuberculosa</i> (Moris) Bor	DD		2.1; 2.3; 7.1
Asteraceae	<i>Castroviejoa frigida</i> (Labill.) Galbany, L.Sáez & Benedí	DD		
Asteraceae	<i>Catananche caerulea</i> L.	NT		7.1; 5.2
Poaceae	<i>Cenchrus ciliaris</i> L.	LC		1.1; 1.3; 7.1; 10.3
Asteraceae	<i>Centaurea arachnoidea</i> Viv. subsp. <i>adonidifolia</i> (Rchb.) F.Conti, Moraldo & Ricceri	LC		
Asteraceae	<i>Centaurea cristata</i> Bartl.	NT		7.3; 8.1.2
Asteraceae	<i>Centaurea dichroantha</i> A.Kern.	NT		2.1; 6.1; 7.3; 9.3
Asteraceae	<i>Centaurea jacea</i> L. subsp. <i>julica</i> (Hayek) Greuter	LC		7.3
Asteraceae	<i>Centaurea jacea</i> L. subsp. <i>weldeniana</i> (Rchb.) Greuter	LC		7.3
Asteraceae	<i>Centaurea macroptilon</i> Borbás	CR(PE)		
Asteraceae	<i>Centaurea rhaetica</i> Moritzi	LC		
Asteraceae	<i>Centaurea scabiosa</i> L. subsp. <i>fritschii</i> (Hayek) Hayek	DD		
Asteraceae	<i>Centaurea stenolepis</i> A.Kern. subsp. <i>stenolepis</i>	NT		5.3.3
Asteraceae	<i>Centaurea tommasinii</i> A.Kern.	VU	A2cde+A3cde	1.1; 6.1; 7.3; 8.2
Gentianaceae	<i>Centaureum littorale</i> (Turner) Gilmour subsp. <i>littorale</i>	EN	B1ab(iii,v)+2ab(iii,v)	1.1; 6.1; 7.3
Caprifoliaceae	<i>Cephalaria alpina</i> (L.) Roem. & Schult.	NT		2.3; 7.3
Caryophyllaceae	<i>Cerastium boissierianum</i> Greuter & Burdet	LC		
Caryophyllaceae	<i>Cerastium lineare</i> All.	LC		
Caryophyllaceae	<i>Cerastium subtriflorum</i> (Rchb.) Pacher	LC		
Plantaginaceae	<i>Chaenorhinum organifolium</i> (L.) Kostel. subsp. <i>organifolium</i>	LC		
Apiaceae	<i>Chaerophyllum aromaticum</i> L.	DD		11.1
Caryophyllaceae	<i>Chaetonychia cymosa</i> (L.) Sweet	DD		
Arecaceae	<i>Chamaerops humilis</i> L.	NT		1.1; 1.3; 2.2; 4.1; 6.2; 7.1.3; 8.1.2; 8.3; 10.3
Asparagaceae	<i>Charybdis maritima</i> (L.) Speta	DD		
Asparagaceae	<i>Charybdis pancration</i> (Steinh.) Speta	NT		1.3; 4.1; 5.2; 7.1; 7.3
Asparagaceae	<i>Charybdis undulata</i> (Desf.) Speta	LC		
Amaranthaceae	<i>Chenopodium album</i> L. subsp. <i>borbasii</i> (Murr) Soó	DD		
Asparagaceae	<i>Chouardia litardierei</i> (Breistr.) Speta	CR(PE)		
Asteraceae	<i>Cichorium spinosum</i> L.	EN	B1ab(iii,v)+2ab(iii,v)	1.1; 1.3; 4.1
Asteraceae	<i>Cirsium echinatum</i> (Desf.) DC.	LC		7.1
Asteraceae	<i>Cirsium vulgare</i> (Savi) Ten. subsp. <i>crinitum</i> (DC.) Arènes	DD		
Asteraceae	<i>Cirsium vulgare</i> (Savi) Ten. subsp. <i>silvaticum</i> (Tausch) Arènes	DD		1.1; 7.1
Asteraceae	<i>Cirsium vulgare</i> (Savi) Ten. subsp. <i>vulgare</i>	DD		
Cistaceae	<i>Cistus clusii</i> Dunal	CR	A2C+B2ab(i,ii,iii,iv,v)	7
Cistaceae	<i>Cistus creticus</i> L. subsp. <i>corsicus</i> (Loisel.) Greuter & Burdet	NT		2.2; 2.3
Cistaceae	<i>Cistus parviflorus</i> Lam.	CR	B1ab(iii)+2ab(iii)+D	1.1; 1.3; 2.3
Cucurbitaceae	<i>Citrullus colocynthis</i> (L.) Schrad.	EN	B1ab(iii,v)+2ab(iii,v)	1.3; 5.2; 7.1

Ranunculaceae	<i>Clematis integrifolia</i> L.	EW	
Lamiaceae	<i>Clinopodium einseleanum</i> (F.W.Schultz) Peruzzi & F.Conti	LC	
Lamiaceae	<i>Clinopodium album</i> (Waldst. & Kit.) Bräuchler & Govaerts	LC	7.3
Brassicaceae	<i>Coincya richeri</i> (Vill.) Greuter & Burdet	LC	
Colchicaceae	<i>Colchicum arenasii</i> Fridl.	DD	
Colchicaceae	<i>Colchicum bivonae</i> Guss.	LC	1; 2.1.1; 6.1; 7.3
Colchicaceae	<i>Colchicum cupanii</i> Guss. subsp. <i>cupanii</i>	LC	1.3; 2.1; 2.2; 2.3; 6.1; 7.1
Colchicaceae	<i>Colchicum longifolium</i> Castagne	LC	
Colchicaceae	<i>Colchicum lusitanum</i> Brot.	LC	1.3; 6.1; 4.1
Colchicaceae	<i>Colchicum nanum</i> K.Perss.	DD	
Colchicaceae	<i>Colchicum triphyllum</i> Kunze	VU	D2 9.3.2
Fabaceae	<i>Colutea breviaolata</i> Lange	DD	
Apiaceae	<i>Conopodium majus</i> (Gouan) Loret subsp. <i>majus</i>	NT	2.1; 5.3
Convolvulaceae	<i>Convolvulus sabatius</i> Viv. subsp. <i>sabatius</i>	VU	D2 4; 6; 7; 8
Convolvulaceae	<i>Convolvulus siculus</i> L. subsp. <i>elongatus</i> Batt.	LC	2.2; 2.3; 4.2; 7.1; 7.3
Convolvulaceae	<i>Convolvulus tricolor</i> L. subsp. <i>cupanianus</i> (Tod.) Cavara & Grande	NT	1.1; 1.3; 2.1; 4.1; 7.3
Poaceae	<i>Cornucopiae cucullatum</i> L.	EN	B2ac(iii,iv) 6
Molluginaceae	<i>Corrigiola telephiifolia</i> Pourr.	LC	1.3; 6.1
Papaveraceae	<i>Corydalis capnoides</i> (L.) Pers.	EN	B1ab(iii)+2ab(iii) 7.3
Poaceae	<i>Corynephorus divaricatus</i> (Pourr.) Breistr.	LC	1.1; 1.3; 6.1; 7.1
Pteridaceae	<i>Cosentinia vellea</i> (Aiton) Tod. subsp. <i>bivalens</i> (Reichst.) Rivas Mart. & Salvo	DD	
Rosaceae	<i>Cotoneaster intermedius</i> (Lecoq & Lamotte) H.J.Coste	DD	2
Crassulaceae	<i>Crassula alata</i> (Viv.) A.Berger	NT	1.1; 1.3
Rosaceae	<i>Crataegus orientalis</i> M.Bieb. subsp. <i>orientalis</i>	LC	7.1
Rosaceae	<i>Crataegus orientalis</i> M.Bieb. subsp. <i>presliana</i> K.I.Chr.	LC	7.1
Asteraceae	<i>Crepis albida</i> Vill. subsp. <i>albida</i>	LC	
Asteraceae	<i>Crepis bellidifolia</i> Loisel.	LC	
Asteraceae	<i>Crepis chondrilloides</i> Jacq.	NT	7.3
Asteraceae	<i>Crepis mollis</i> (Jacq.) Asch. subsp. <i>succisifolia</i> (All.) Dostál	VU	D2 2.1.1; 7.3
Asteraceae	<i>Crepis suffreniana</i> (DC.) Steud.	LC	
Convolvulaceae	<i>Cressa cretica</i> L.	EN	B2ab(i,ii,iii,v) 6; 7
Iridaceae	<i>Crocus heuffelianus</i> Herb.	DD	
Iridaceae	<i>Crocus ligusticus</i> Mariotti	NT	4.1; 5.2; 8.2.2
Iridaceae	<i>Crocus longiflorus</i> Raf.	LC	4.1; 5.2.1; 6.1; 7.3
Iridaceae	<i>Crocus minimus</i> DC.	LC	
Iridaceae	<i>Crocus thomasii</i> Ten.	LC	2.1; 2.3; 4.1; 7.1; 7.3
Iridaceae	<i>Crocus versicolor</i> Ker Gawl.	NT	2.3; 5.2; 8.2.2; 11.2
Iridaceae	<i>Crocus weldenii</i> Hoppe & Fürnr.	EN	B1ab(iii,v)+2ab(iii,v) 1.2; 2.1; 7.3
Rubiaceae	<i>Crucianella rupestris</i> Guss.	NT	1.1; 1.3; 4.1; 6.3; 9.3.2
Convolvulaceae	<i>Cuscuta approximata</i> Bab. subsp. <i>macranthera</i> (Heldr. & Sartoni ex Boiss.) Feinbrun & Greuter	DD	
Convolvulaceae	<i>Cuscuta epithymum</i> (L.) L. subsp. <i>corsicana</i> (Yunck.) Lambinon	NT	2.3; 6.1
Convolvulaceae	<i>Cuscuta monogyna</i> Vahl subsp. <i>monogyna</i>	DD	
Poaceae	<i>Cutandia divaricata</i> (Desf.) Barbey	NT	1.1; 1.3; 2.4; 6.1; 7.1
Primulaceae	<i>Cyclamen hederifolium</i> Aiton subsp. <i>confusum</i> (Grey-Wilson) Grey-Wilson	DD	
Plantaginaceae	<i>Cymbalaria mulleri</i> (Moris) A.Chev.	LC	

Asteraceae	<i>Cynara cardunculus</i> L. subsp. <i>flavescens</i> Wiklund	VU	D2	7.1
Boraginaceae	<i>Cynoglossum nebrodense</i> Guss. subsp. <i>nebrodense</i>	VU	D2	1.1; 1.3; 2.3; 4.1
Poaceae	<i>Cynosurus effusus</i> Link	LC		1.1, 1.3, 6.1, 7.1; 7.3
Cyperaceae	<i>Cyperus alopecuroides</i> Rottb.	CR	B2ab(iii,v)	7
Cyperaceae	<i>Cyperus flavidus</i> Retz.	DD		
Cyperaceae	<i>Cyperus laevigatus</i> L.	VU	D2	1.3; 4.1
Poaceae	<i>Dactylis glomerata</i> L. subsp. <i>reichenbachii</i> (Dalla Torre & Sarnth.) Stebbins & D.Zohary	LC		
Orchidaceae	<i>Dactylorhiza insularis</i> (Sommier) Ó.Sánchez & Herrero	NT		5.2; 7.3; 8.2.2
Orchidaceae	<i>Dactylorhiza lapponica</i> (Laest. ex Hartm.) Soó subsp. <i>angustata</i> (Arv.-Touv.) Kreutz	DD		
Orchidaceae	<i>Dactylorhiza maculata</i> (L.) Soó subsp. <i>savogiensis</i> (D.Tyteca & Gathoye) Kreutz	LC		
Alismataceae	<i>Damasonium polyspermum</i> Coss.	VU	D2	4.1; 7.2
Thymelaeaceae	<i>Daphne blagayana</i> Freyer	LC		5.2.1
Apiaceae	<i>Daucus minusculus</i> Pau ex Font Quer	DD		
Ranunculaceae	<i>Delphinium emarginatum</i> C.Presl subsp. <i>emarginatum</i>	NT		7.1
Ranunculaceae	<i>Delphinium gracile</i> DC.	EN	B1ab(iii,v)+2ab(iii,v)	2.3; 6.1; 7; 8.1; 9.1
Poaceae	<i>Deschampsia cespitosa</i> (L.) P.Beauv. subsp. <i>parviflora</i> (Thuill.) Dumort.	DD		7.3; 8.1.2
Poaceae	<i>Desmazeria pignattii</i> Brullo & Pavone	NT		1.3
Poaceae	<i>Desmazeria sicula</i> (Jacq.) Dumort.	LC		1.1; 1.3; 6.1
Caryophyllaceae	<i>Dianthus arrostoi</i> C.Presl	NT		2.3; 4.1; 9.3.2
Caryophyllaceae	<i>Dianthus furcatus</i> Balb. subsp. <i>furcatus</i>	LC		
Caryophyllaceae	<i>Dianthus glacialis</i> Haenke subsp. <i>glacialis</i>	NT		5.2.1; 6.1; 11.1
Caryophyllaceae	<i>Dianthus sanguineus</i> Vis.	NT		5; 7.3
Caryophyllaceae	<i>Dianthus sicutus</i> C.Presl	LC		1.3; 2.3; 7.1
Plantaginaceae	<i>Digitalis laevigata</i> Waldst. & Kit. subsp. <i>laevigata</i>	LC		
Plantaginaceae	<i>Digitalis micrantha</i> Roth ex Schweigg.	LC		5.2
Brassicaceae	<i>Diplotaxis harra</i> (Forssk.) Boiss. subsp. <i>crassifolia</i> (Raf.) Maire	LC		1.1, 1.3, 3.2
Dipsacaceae	<i>Dipsacus ferox</i> Loisel.	DD		
Asteraceae	<i>Doronicum plantagineum</i> L.	LC		7.3
Fabaceae	<i>Dorycnopsis gerardi</i> (L.) Boiss.	NT		7.3
Araceae	<i>Dracunculus vulgaris</i> Schott	VU	A2c	2.1; 7.3
Droseraceae	<i>Drosera anglica</i> Huds.	EN	B2ab(i,ii,iii,iv,v)	7.2; 9.3
Droseraceae	<i>Drosera intermedia</i> Hayne	EN	B2ab(i,ii,iii,iv,v)	6; 7.2; 8.1.2; 9.3.1; 11.1
Rosaceae	<i>Drymocallis corsica</i> (Soleirol ex Lehm.) Kurtto	NT		2.3; 6.1
Caryophyllaceae	<i>Drypis spinosa</i> L. subsp. <i>jacquiniana</i> Wettst. & Murb.	VU	D2	6.1
Asteraceae	<i>Echinops exaltatus</i> Schrad.	EN	B1ab(iii,v)+2ab(iii,v)	7
Asteraceae	<i>Echinops spinosissimus</i> Turra subsp. <i>neumayeri</i> (Vis.) Kožuharov	NT		1.1; 6.1
Asteraceae	<i>Echinops spinosissimus</i> Turra subsp. <i>spinosissimus</i>	EN	B1ab(iii,v)+2ab(iii,v)	1.1; 1.3; 6.1.; 8.1.2
Asteraceae	<i>Echinops spinosissimus</i> Turra subsp. <i>spinosus</i> Greuter	NT		1.1; 1.3
Boraginaceae	<i>Echium creticum</i> L. subsp. <i>coyncianum</i> (Lacaita) R.Fern.	DD		
Boraginaceae	<i>Echium creticum</i> L. subsp. <i>creticum</i>	LC		
Elatinaceae	<i>Elatine macropoda</i> Guss.	NT		1.3; 7.2; 11.2
Ephedraceae	<i>Ephedra foeminea</i> Forssk.	DD		1.3
Ephedrales	<i>Ephedra fragilis</i> Desf.	EN	B2ab(iii,v)	1.1; 1.3; 2.2.1; 6.1
Ephedrales	<i>Ephedra podostylax</i> Boiss.	DD		
Orchidaceae	<i>Epipactis bugacensis</i> Robatsch	VU	B1ab(iii)+2ab(iii)	5.3; 7.3

Orchidaceae	<i>Epipactis exilis</i> P.Delforge	LC	
Orchidaceae	<i>Epipactis greuteri</i> H.Baumann & Künkele	NT	5.2; 5.3; 11.2
Orchidaceae	<i>Epipactis palustris</i> (L.) Crantz	NT	6; 7; 8; 9
Orchidaceae	<i>Epipactis placentina</i> Bongiorno & Grünanger	EN	B2ab(i,ii,iii,iv,v) 5.3; 6; 7.1; 7.3; 8.2; 11.1; 11.2
Orchidaceae	<i>Epipactis rhodanensis</i> Gévaudan & Robatsch	NT	5.2; 5.3; 6.1; 8.1.1; 11.1; 11.4
Orchidaceae	<i>Epipactis rivularis</i> Kranjčev & Čičmir	DD	
Ericaceae	<i>Erica cinerea</i> L.	NT	7.1
Asteraceae	<i>Erigeron acris</i> L. subsp. <i>serotinus</i> (Weihe) Greuter	DD	
Geraniaceae	<i>Erodium corsicum</i> Léman	LC	6.1
Geraniaceae	<i>Erodium lebelii</i> Jord. subsp. <i>maruccii</i> (Parl.) Guitt.	DD	
Geraniaceae	<i>Erodium neuradifolium</i> Delile ex Godr.	NT	1.1; 1.3
Geraniaceae	<i>Erodium salzmannii</i> Delile	DD	
Apiaceae	<i>Eryngium spinalba</i> Vill.	NT	4.1; 5.2.1; 6.1
Brassicaceae	<i>Erysimum burnatii</i> G.Vidal	LC	
Brassicaceae	<i>Erysimum crassistylum</i> C.Presl subsp. <i>crassistylum</i>	LC	
Euphorbiaceae	<i>Euphorbia aleppica</i> L.	DD	2.2.1
Euphorbiaceae	<i>Euphorbia barrelieri</i> Savi	EN	B2ab(iii,v) 4.1; 6.1; 7.3
Euphorbiaceae	<i>Euphorbia bivonae</i> Steud. subsp. <i>bivonae</i>	LC	7.1. 8.1. 10.3
Euphorbiaceae	<i>Euphorbia fragifera</i> Jan	NT	6.1; 7.3
Euphorbiaceae	<i>Euphorbia gayi</i> Salis	EN	B1ab(iii,v)+2ab(iii,v) 2.2; 4.1; 6.1; 7.3
Euphorbiaceae	<i>Euphorbia hyberna</i> L. subsp. <i>canuti</i> (Parl.) Tutin	LC	
Euphorbiaceae	<i>Euphorbia hyberna</i> L. subsp. <i>insularis</i> (Boiss.) Briq.	EN	B2ab(i,ii,iii,iv)c(iv) 2.3; 2.2; 7.3; 8.2.1
Euphorbiaceae	<i>Euphorbia kernerii</i> Huter ex A.Kern.	LC	6.1; 7.1.1; 7.2; 7.3; 9.3; 11.5
Euphorbiaceae	<i>Euphorbia lagascae</i> Spreng.	DD	
Euphorbiaceae	<i>Euphorbia lucida</i> Waldst. & Kit.	NT	4.1; 8
Euphorbiaceae	<i>Euphorbia palustris</i> L.	VU	B2ab(i,ii,iii,iv) 2.4.1; 7.2; 8.2
Euphorbiaceae	<i>Euphorbia pithyusa</i> L. subsp. <i>cupanii</i> (Guss. ex Bertol.) Radcl.-Sm.	LC	1.1; 7.1
Euphorbiaceae	<i>Euphorbia semiperfoliata</i> Viv.	LC	10.3
Euphorbiaceae	<i>Euphorbia taurinensis</i> All.	EN	B2ab(iii,v) 7.3
Euphorbiaceae	<i>Euphorbia vallinoana</i> Belli	VU	D1 10.3; 11.1
Orobanchaceae	<i>Euphrasia alpina</i> Lam. subsp. <i>christii</i> (Favrat) Hayek	LC	1.3; 6.1
Orobanchaceae	<i>Euphrasia cisalpina</i> Pugsley	NT	7.3
Orobanchaceae	<i>Euphrasia tricuspidata</i> L.	LC	7.3; 11.1
Asteraceae	<i>Evacidium discolor</i> (DC.) Maire	LC	
Gentianaceae	<i>Exaculum pusillum</i> (Lam.) Caruel	EN	B2ab(i,ii,iii,iv,v) 1.1; 2.2; 2.3; 6; 7.3; 9.3.1
Caryophyllaceae	<i>Facchinia lanceolata</i> (All.) Rchb.	LC	
Poaceae	<i>Festuca alfrediana</i> Foggi & Signorini subsp. <i>alfrediana</i>	NT	2.3; 6.1
Poaceae	<i>Festuca bauzanina</i> (Pils) S.Arndt subsp. <i>bauzanina</i>	LC	
Poaceae	<i>Festuca billyi</i> Kerguelen & Plonka	LC	
Poaceae	<i>Festuca calva</i> (Hack.) K.Richt.	LC	
Poaceae	<i>Festuca circummediterranea</i> Patzke	LC	
Poaceae	<i>Festuca cyrnea</i> (Litard. & St.-Yves) Signorini, Foggi & Nardi	DD	
Poaceae	<i>Festuca flavescens</i> Bellardi	LC	
Poaceae	<i>Festuca guinochetii</i> (Bidault) S.Arndt	LC	
Poaceae	<i>Festuca inops</i> De Not.	LC	
Poaceae	<i>Festuca marginata</i> (Hack.) K.Richt. subsp. <i>gallica</i> (Hack.) Breistr. ex Ardenghi & Foggi	LC	

Poaceae	<i>Festuca plonkae</i> Foggi & Signorini	LC		
Poaceae	<i>Festuca pseudovaria</i> J.Vetter	LC		
Poaceae	<i>Festuca rivularis</i> Boiss. subsp. <i>rivularis</i>	NT		
Poaceae	<i>Festuca rupicaprina</i> (Hack.) A.Kern.	LC		
Poaceae	<i>Festuca sardoa</i> (Hack.) K.Richt.	LC		2.2; 2.3; 6.1
Poaceae	<i>Festuca scabriculumis</i> (Hack.) K.Richt.	LC		
Poaceae	<i>Festuca ticinensis</i> (Markgr.-Dann.) Markgr.-Dann.	LC		
Poaceae	<i>Festuca winnebachensis</i> (Wallossek & Markgr.-Dann.) Foggi, Gr.Rossi, Parolo & Wallossek	LC		
Asteraceae	<i>Filago tyrrhenica</i> Chrtek & Holub	LC		6.1
Cyperaceae	<i>Fimbristylis squarrosa</i> Vahl	VU	D2	7.2; 7.3
Liliaceae	<i>Fritillaria involucreta</i> All.	LC		5.2.2; 8.2.1; 11.2
Liliaceae	<i>Fritillaria messanensis</i> Raf.	EN	B2ab(iii,v)	2.1.1; 4.1; 7.3
Liliaceae	<i>Fritillaria tubaeformis</i> Gren. & Godr. subsp. <i>moggridgei</i> (Boiss. & Reuter ex Planch.) Rix	NT		5.2; 7.3
Liliaceae	<i>Gagea apulica</i> Peruzzi & J.-M.Tison	EN	B2ab(iii)	2.3; 7.3
Liliaceae	<i>Gagea foliosa</i> (C.Presl) Schult. & Schult.f.	LC		2.3
Liliaceae	<i>Gagea lacaitae</i> A.Terracc.	LC		
Liliaceae	<i>Gagea lojaconoi</i> Peruzzi	LC		2.3
Liliaceae	<i>Gagea luberonensis</i> J.-M.Tison	LC		
Liliaceae	<i>Gagea peduncularis</i> (J.Presl & C.Presl) Pascher	NT		7.1
Liliaceae	<i>Gagea polidorii</i> J.-M.Tison	LC		
Liliaceae	<i>Gagea soleirolii</i> F.W.Schultz ex Mutel	LC		
Amaryllidaceae	<i>Galanthus reginae-olgae</i> Orph. subsp. <i>reginae-olgae</i>	NT		1.1; 2.1; 4.1; 5.2.1; 5.3; 7.1; 7.2
Amaryllidaceae	<i>Galanthus reginae-olgae</i> Orph. subsp. <i>vernalis</i> Kamari	LC		1.1; 2.1; 5.2.1; 5.3; 7.2
Lamiaceae	<i>Galeopsis reuteri</i> Rchb.f.	LC		
Rubiaceae	<i>Galium corsicum</i> Spreng.	LC		2.3; 6.1
Rubiaceae	<i>Galium lucidum</i> All. subsp. <i>venustum</i> (Jord.) Arcang.	LC		
Rubiaceae	<i>Galium minutulum</i> Jord.	LC		1.3; 6.1
Rubiaceae	<i>Galium noricum</i> Ehrend.	LC		6.1
Rubiaceae	<i>Galium pseudohelveticum</i> Ehrend.	DD		
Rubiaceae	<i>Galium setaceum</i> Lam.	LC		1.3; 2.3; 6.1
Rubiaceae	<i>Galium tendae</i> Rchb.f.	LC		
Rubiaceae	<i>Galium verrucosum</i> Huds. subsp. <i>halophilum</i> (Ponzo) Lambinon	NT		1.1, 1.3, 6.1
Poaceae	<i>Gastridium phleoides</i> (Nees & Meyen) C.E.Hubb. subsp. <i>phleoides</i>	LC		6.1
Fabaceae	<i>Genista anglica</i> L.	NT		2; 3; 5; 6; 7; 8
Fabaceae	<i>Genista aspalathoides</i> Lam.	VU	D2	1.3; 4.1; 5.3; 7.1
Fabaceae	<i>Genista cinerea</i> (Vill.) DC.	LC		
Fabaceae	<i>Genista corsica</i> (Loisel.) DC.	LC		
Fabaceae	<i>Genista desoleana</i> Vals.	LC		7.1
Fabaceae	<i>Genista ferox</i> (Poir.) Poir.	EN	B1ab(iii,v)+2ab(iii,v)	1.3; 2.2; 2.3; 7.1; 7.3; 8.1
Fabaceae	<i>Genista hispanica</i> L. subsp. <i>hispanica</i>	NT		4.1; 10.3
Fabaceae	<i>Genista salzmannii</i> DC.	LC		2.2; 2.3; 7.1
Orchidaceae	<i>Gennaria diphylla</i> (Link) Parl.	NT		1.3; 2.2; 2.3; 6.1; 7.3; 8.1; 8.2.2
Gentianaceae	<i>Gentiana burseri</i> Lapeyr. subsp. <i>villarsii</i> (Griseb.) Rouy	LC		5.2
Gentianaceae	<i>Gentiana froelichii</i> Jan ex Rchb. subsp. <i>froelichii</i>	NT		6.1
Gentianaceae	<i>Gentiana pneumonanthe</i> L. subsp. <i>pneumonanthe</i>	VU	B2ab(i,ii,iii,iv,v)	2.3; 7.2; 7.3; 9.3

Gentianaceae	<i>Gentiana prostrata</i> Haenke	LC		11.1
Gentianaceae	<i>Gentiana rostanii</i> Reut. ex Verl.	LC		5.2
Gentianaceae	<i>Gentiana terglouensis</i> Hacq. subsp. <i>schleicheri</i> (Vacc.) Tutin	LC		1.3; 6.1
Gentianaceae	<i>Gentianella austriaca</i> (A.Kern. & Jos.Kern.) Holub	DD		
Gentianaceae	<i>Gentianella insubrica</i> (Kunz) Holub	LC		11.1 ; 2.3.1
Gentianaceae	<i>Gentianella lutescens</i> (Velen.) Holub	NT		6.1; 7.3
Rosaceae	<i>Geum heterocarpum</i> Boiss.	CR	B 1ab(i,ii,iii,iv)+2ab(i,ii,iii,iv)+C2a(ii)	11
Rosaceae	<i>Geum sylvaticum</i> Pourr.	DD		
Poaceae	<i>Glyceria spicata</i> Guss.	NT		11.2; 7.2; 2.3; 7.3
Apiaceae	<i>Hacquetia epipactis</i> (Scop.) DC.	LC		
Rutaceae	<i>Haplophyllum patavinum</i> (L.) G.Don	VU	B 1ab(iii)+2ab(iii)	6.1; 7.3
Fabaceae	<i>Hedysarum brigantiacum</i> Bourn., Chas & Kerguélen	LC		
Fabaceae	<i>Hedysarum confertum</i> Desf.	LC		7.3
Cistaceae	<i>Helianthemum lunulatum</i> (All.) DC.	LC		
Cistaceae	<i>Helianthemum leptophyllum</i> Dunal	VU	D2	1.3; 6.1
Cistaceae	<i>Helianthemum syriacum</i> (Jacq.) Dum.Cours. subsp. <i>thibaudii</i> (Pers.) Meikle	DD		
Asteraceae	<i>Helichrysum italicum</i> (Roth) G.Don subsp. <i>tyrrhenicum</i> (Bacch., Brullo & Giusso) Herrando, J.M.Blanco, L.Sáez & Galbany	LC		
Asteraceae	<i>Helichrysum pendulum</i> (C.Presl) C.Presl	LC		1.1; 4.1
Asteraceae	<i>Helichrysum stoechas</i> (L.) Moench subsp. <i>barrelieri</i> (Ten.) Nyman	DD		
Poaceae	<i>Helictochloa cincinnata</i> (Ten.) Romero Zarco	LC		1.1; 2.1; 2.3; 4.1; 7.1
Poaceae	<i>Helictotrichon convolutum</i> (C.Presl) Henrard	NT		1.1; 2.1; 2.3; 4.1; 7.1; 7.3
Poaceae	<i>Helictotrichon sedenense</i> (Clarion ex DC.) Holub subsp. <i>sedenense</i>	LC		
Caryophyllaceae	<i>Heliosperma pusillum</i> (Waldst. & Kit.) Rchb. subsp. <i>pudibundum</i> (Hoffmannss. ex Rchb.) Gutermann	NT		7.2
Ranunculaceae	<i>Helleborus lividus</i> Aiton subsp. <i>corsicus</i> (Briq.) P.Fourn.	LC		
Ranunculaceae	<i>Helleborus viridis</i> L. subsp. <i>istriacus</i> (Schiffn.) Cristof. & Zanotti	LC		11.1; 8.1; 9.1.3
Apiaceae	<i>Heracleum austriacum</i> L.	DD		
Orchidaceae	<i>Herminium monorchis</i> (L.) R.Br.	EN	B2ab(i,ii,iii,iv,v)	2; 4; 8; 7
Iridaceae	<i>Hermodactylus tuberosus</i> (L.) Mill.	LC		1.1; 1.3; 2.1.2; 4.1; 5.2.1; 7.1; 7.3
Brassicaceae	<i>Hesperis inodora</i> L.	EN	D	5.2.1; 7.3
Fabaceae	<i>Hippocrepis multisiliquosa</i> L.	LC		1.1, 1.3; 2.2
Plantaginaceae	<i>Hippuris vulgaris</i> L.	EN	B2ab(i,ii,iii,iv,v)	7; 9
Asteraceae	<i>Homogyne sylvestris</i> Cass.	LC		
Brassicaceae	<i>Hormathophylla ligustica</i> (Breistr.) Španiel, Al-Shehbaz, D.A.German & Marhold	LC		
Boraginaceae	<i>Hormuzakia aggregata</i> (Lehm.) Guşul.	EN	B 1ab(iii,v)+2ab(iii,v)	1.3; 6.1
Primulaceae	<i>Hottonia palustris</i> L.	EN	B2ab(i,ii,iii,iv,v)	2; 5; 6; 7; 8
Asparagaceae	<i>Hyacinthoides italica</i> (L.) Rothm.	LC		5.2
Araliaceae	<i>Hydrocotyle vulgaris</i> L.	EN	A2c+B2ab(i,ii,iii,iv,v)	2.1; 7.2; 9.1.2; 9.3
Hymenophyllaceae	<i>Hymenophyllum tunbrigense</i> (L.) Sm.	LC		11; 9
Papaveraceae	<i>Hypocoum torulosum</i> Å.E.Dahl	EN	B 1ab(iii,v)+2ab(iii,v)	1.1; 1.3; 6.1; 7.3
Hypericaceae	<i>Hypericum aegypticum</i> L.	LC		1.3
Hypericaceae	<i>Hypericum annulatum</i> Moris	EN	B 1ab(iii,v)+2ab(iii,v)	2.3; 4.1; 7.3; 11.1; 11.2
Hypericaceae	<i>Hypericum corsicum</i> Steud.	CR	B 1ab(iii,v)	1.3; 6.1; 2.3; 4.1
Hypericaceae	<i>Hypericum hircinum</i> L. subsp. <i>hircinum</i>	LC		2.2; 2.3; 6.1; 4.1

Hypericaceae	<i>Hypericum pubescens</i> Boiss.	LC		1.1, 1.3
Brassicaceae	<i>Iberis aurosica</i> Chaix subsp. <i>nana</i> (All.) Moreno	LC		
Brassicaceae	<i>Iberis linifolia</i> L. subsp. <i>linifolia</i>	NT		7.3
Brassicaceae	<i>Iberis linifolia</i> L. subsp. <i>stricta</i> (Jord.) P.Fourn.	DD		
Brassicaceae	<i>Ihsanalshehbazia granatensis</i> (Boiss. & Reut.) Tahir Ali & Thines	LC		
Convolvulaceae	<i>Ipomoea imperati</i> (Vahl) Griseb.	CR	B1ab(iii)+2ab(iii)	1.1; 1.3; 9.3.2
Iridaceae	<i>Iris benacensis</i> A.Kern. ex Stapf	DD		
Iridaceae	<i>Iris cengiali</i> Ambrosi ex A.Kern. subsp. <i>illyrica</i> (Asch. & Graebn.) Poldini	NT		5.2.1; 7.3
Iridaceae	<i>Iris pseudopumila</i> Tineo	LC		1.1, 1.3; 2.1; 4.1; 5.2.1
Brassicaceae	<i>Isatis praecox</i> Kit. ex Tratt.	DD		
Isoëtaceae	<i>Isoëtes longissima</i> Bory	EN	B2ab(i,ii,iii,iv,v)	1.1; 2.1; 2.3.1; 3.3; 7.2; 8.2; 9.4; 11.2
Isoëtaceae	<i>Isoëtes tiguliana</i> Gennari	EN	B2ab(iii,v)	2.2; 2.3; 6.2; 7.2; 11.2
Cyperaceae	<i>Isolepis fluitans</i> (L.) R.Br.	DD		
Cyperaceae	<i>Isolepis pseudosetacea</i> (Daveau) Gand.	DD		
Asteraceae	<i>Jacobaea insubrica</i> (Chenevard) Galasso & Bartolucci	VU	B1ab(ii,iii)+2ab(ii,iii)	2.3; 6.1; 7.3; 11.1
Asteraceae	<i>Jacobaea maritima</i> (L.) Pelsler & Meijden subsp. <i>sicula</i> N.G.Passal., Peruzzi & Pellegrino	NT		1.1; 1.3
Asteraceae	<i>Jacobaea persoonii</i> (De Not.) Pelsler	LC		
Asteraceae	<i>Jacobaea uniflora</i> (All.) Veldkamp	LC		1.3; 2.3; 6.1
Asteraceae	<i>Jacobaea vulgaris</i> Gaertn. subsp. <i>gotlandica</i> (Neuman) B.Nord.	NT		2.3
Campanulaceae	<i>Jasione laevis</i> Lam. subsp. <i>laevis</i>	DD		
Campanulaceae	<i>Jasione maritima</i> (Duby) Merino	LC		
Campanulaceae	<i>Jasione orbiculata</i> Griseb. ex Velen.	DD		
Juncaceae	<i>Juncus atratus</i> Krock.	CR(PE)		
Juncaceae	<i>Juncus castaneus</i> Sm.	DD		
Juncaceae	<i>Juncus fontanesii</i> J.Gay subsp. <i>pyramidatus</i> (Laharpe) Snogerup	CR	B1ab(iii,v)+2ab(iii,v)	1.3; 6.1; 7.2.3
Juncaceae	<i>Juncus heterophyllus</i> Dufour	EN	B2ab(iii,v)	7.3; 9.3
Juncaceae	<i>Juncus sorrentinoi</i> Parl.	DD		7.1.1; 11.2
Juncaceae	<i>Juncus squarrosus</i> L.	CR	B1ab(iii,v)+2ab(iii,v)+D	2; 7
Juncaceae	<i>Juncus thomasi</i> Ten.	EN	B2ab(iii)	2; 7
Cupressaceae	<i>Juniperus thurifera</i> L.	LC		
Iridaceae	<i>Juno planifolia</i> (Mill.) Asch.	EN	B1ab(i,ii,iv,v)+2ab(i,ii,iii,v)	1.3; 4.1; 5.2.1; 6.1; 7.1.3
Asteraceae	<i>Klasea flavescens</i> (L.) Holub subsp. <i>mucronata</i> (Desf.) Cantó & Rivas Mart.	NT		1.1; 2.1; 2.3; 4.1; 7.2
Caprifoliaceae	<i>Knautia drymeja</i> Heuff. subsp. <i>tergestina</i> (Beck) Ehrend.	LC		
Caprifoliaceae	<i>Knautia fleischmannii</i> (Hladnik ex Rchb.) Pacher	CR(PE)		
Caprifoliaceae	<i>Knautia ressmannii</i> (Pacher) Briq.	LC		
Caprifoliaceae	<i>Knautia subcanescens</i> Jord.	DD		
Poaceae	<i>Koeleria vallesiana</i> (Honck.) Gaudin subsp. <i>alpicola</i> (Gren. & Godr.) Asch. & Graebn.	DD		
Fabaceae	<i>Laburnum anagyroides</i> Medik. subsp. <i>alschingeri</i> (Vis.) Hayek	CR(PE)		
Lamiaceae	<i>Lamium galeobdolon</i> (L.) L. subsp. <i>galeobdolon</i>	LC		
Lamiaceae	<i>Lamium garganicum</i> L. subsp. <i>corsicum</i> (Godr. & Gren.) Arcang.	LC		2.3; 6.1
Fabaceae	<i>Lathyrus cirrhosus</i> Ser.	DD		
Fabaceae	<i>Lathyrus palustris</i> L.	EN	B2ab(i,ii,iii,iv,v)	1; 8

Fabaceae	<i>Lathyrus pratensis</i> L. subsp. <i>lusseri</i> (Heer ex W.D.J.Koch) Soják	LC		
Asteraceae	<i>Launaea fragilis</i> (Asso) Pau	LC		1.1, 1.3
Asteraceae	<i>Launaea nudicaulis</i> (L.) Hook.f.	CR(PE)		
Lamiaceae	<i>Lavandula multifida</i> L.	EN	B 1ab(ii,iii,v)+2ab(ii,iii,v)	4.1; 7.1
Campanulaceae	<i>Legousia falcata</i> (Ten.) Janch.	DD		
Asteraceae	<i>Leontodon berinii</i> (Bartl.) Roth	NT		6.1; 7.1.1; 7.2; 7.3; 9.3
Asteraceae	<i>Leontopodium alpinum</i> Cass.	LC		5.2.1; 6.1
Asteraceae	<i>Leontopodium nivale</i> (Ten.) Hand.-Mazz.	NT		5.2.1
Brassicaceae	<i>Lepidium hirtum</i> (L.) Sm. subsp. <i>hirtum</i>	DD		
Asteraceae	<i>Leucanthemum pachyphyllum</i> Marchi & Illum.	LC		
Asteraceae	<i>Leucanthemum platylepis</i> Borbás	LC		7.3
Asteraceae	<i>Leucanthemum subglaucum</i> De Laramb.	DD		
Asteraceae	<i>Leucanthemum virgatum</i> (Desr.) Clos	LC		
Amaryllidaceae	<i>Leucojum aestivum</i> L. subsp. <i>aestivum</i>	VU	B2ab(i,ii,iii,iv,v)	5.2.1; 7.2; 7.3
Amaryllidaceae	<i>Leucojum aestivum</i> L. subsp. <i>pulchellum</i> (Salisb.) Briq.	VU	B2ab(iii)	2.2; 2.3; 4.1; 11.4
Poaceae	<i>Leucopoa laxa</i> (Host) H.Scholz & Foggi	LC		
Poaceae	<i>Leucopoa pulchella</i> (Schrad.) H.Scholz & Foggi subsp. <i>pulchella</i>	LC		
Poaceae	<i>Leucopoa spectabilis</i> (Jan ex Bertol.) H.Scholz & Foggi subsp. <i>carniolica</i> (Hack.) H.Scholz & Foggi	VU	D2	6.1
Poaceae	<i>Leucopoa spectabilis</i> (Jan ex Bertol.) H.Scholz & Foggi subsp. <i>croatica</i> (A.Kern.) Foggi, Parolo, Gr.Rossi, Ardenghi & Quercioli	DD		
Liliaceae	<i>Lilium carnolicum</i> Bernh. ex W.D.J.Koch	NT		5.2.1; 7.3
Iridaceae	<i>Limniris sibirica</i> (L.) Fuss	EN	B2ab(i,ii,iii,iv,v)	1; 2; 7.2; 7.3; 8.2.2; 9.3
Orchidaceae	<i>Limodorum trabutianum</i> Batt.	EN	B2ab(iii,v)	2; 4; 7; 8
Plumbaginaceae	<i>Limonium avei</i> (De Not.) Brullo & Erben	VU	B2ab(iii)	1.3; 1.2; 6.3; 7.3
Plumbaginaceae	<i>Limonium cordatum</i> (L.) Mill.	VU	B 1ab(iii)+2ab(iii)	4; 6; 7; 8; 9
Plumbaginaceae	<i>Limonium dubium</i> (Andrews ex Guss.) Litard.	LC		1.1; 1.3; 6.1; 8.1; 9.4
Plumbaginaceae	<i>Limonium glomeratum</i> (Tausch) Erben	LC		1.3; 6.1; 8.1
Scrophulariaceae	<i>Limosella aquatica</i> L.	EN	B2ab(i,ii,iii,iv,v)	7.2.1; 9.3.1; 11.1
Plantaginaceae	<i>Linaria genistifolia</i> (L.) Mill.	EN	B 1ab(iii,v)+2ab(iii,v)+1	1.1; 1.3
Plantaginaceae	<i>Linaria reflexa</i> (L.) Desf. subsp. <i>lubbockii</i> (Batt.) Brullo	EN	B 1ab(iii)	1.1; 1.3; 6.1
Linaceae	<i>Linum maritimum</i> L. subsp. <i>ligusticum</i> (Rouy) P.Fourn.	DD		
Plantaginaceae	<i>Littorella uniflora</i> (L.) Asch.	EN	B2ab(iii)	1.3; 4.3; 6.1; 7.2; 9.1
Brassicaceae	<i>Lobularia libyca</i> (Viv.) Meisn.	LC		1.1; 1.3; 2.1
Caryophyllaceae	<i>Loeflingia hispanica</i> L.	VU	D2	2.1; 2.3; 4.1
Asteraceae	<i>Logfia lojaconoi</i> (Brullo) C.Brullo & Brullo	NT		1.3; 6.1
Poaceae	<i>Lolium interruptum</i> (Desf.) Banfi, Galasso, Foggi, Kopecký & Ardenghi subsp. <i>corsicum</i> (Hack.) Banfi, Galasso, Foggi, Kopecký & Ardenghi	CR	A2c+B 1ab(i,ii,iii,iv,v)	7.3
Poaceae	<i>Lolium pluriflorum</i> (Schult.) Banfi, Galasso, Foggi, Kopecký & Ardenghi	LC		
Caprifoliaceae	<i>Lomelosia simplex</i> (Desf.) Raf. subsp. <i>simplex</i>	DD		
Asteraceae	<i>Lonas annua</i> (L.) Vines & Druce	LC		1.3; 2.3; 7.1
Fabaceae	<i>Lotus biflorus</i> Desr.	NT		1.1; 1.2; 1.3; 2.1.1; 7.3
Fabaceae	<i>Lotus conjugatus</i> L. subsp. <i>conjugatus</i>	LC		7.3
Fabaceae	<i>Lotus conjugatus</i> L. subsp. <i>requienii</i> (Mauri ex Sanguin.) Greuter	DD		
Fabaceae	<i>Lotus longisiliquosus</i> R.Roem.	LC		2.3
Fabaceae	<i>Lotus peregrinus</i> L.	NT		1.3, 2.1

Juncaceae	<i>Luzula divulgata</i> Kirschner	DD		
Juncaceae	<i>Luzula nutans</i> (Vill.) Duval-Jouve	LC		
Juncaceae	<i>Luzula pedemontana</i> Boiss. & Reut.	LC		
Juncaceae	<i>Luzula pindica</i> (Hauskn.) Chrtek & Křisa	EN	B1ab(iii,v)+2ab(iii,v)	2.3
Juncaceae	<i>Luzula spicata</i> (L.) DC. subsp. <i>italica</i> (Parl.) Arcang.	LC		
Primulaceae	<i>Lysimachia arvensis</i> (L.) U.Manns & Anderb. subsp. <i>latifolia</i> (L.) Peruzzi	LC		
Primulaceae	<i>Lysimachia europaea</i> (L.) U.Manns & Anderb.	VU	A2c	5.2; 6.1; 11.1
Primulaceae	<i>Lysimachia monelli</i> (L.) U.Manns & Anderb. subsp. <i>monelli</i>	LC		2.2; 2.3; 3.2; 7.3
Primulaceae	<i>Lysimachia tenella</i> L.	EN	B2ab(i,ii,iii,iv,v)	7.2.8; 7.3; 9.3
Primulaceae	<i>Lysimachia tyrrhenia</i> U.Manns & Anderb.	CR	B1ab(iii,v)+2ab(iii,v)	1.2; 1.3; 7.2; 7.3
Lythraceae	<i>Lythrum acutangulum</i> Lag.	DD		
Lythraceae	<i>Lythrum hyssopifolia</i> L.	LC		1.1; 2.1; 4.1; 6; 7.2; 7.3; 8.1; 9.3; 11.1
Brassicaceae	<i>Malcolmia flexuosa</i> (Sm.) Sm.	CR(PE)		
Brassicaceae	<i>Marcus-kochia littorea</i> (L.) Al-Shehbaz	CR	B2ab(ii,iii,v)+C2a(ii)	1.3; 6.1
Malvaceae	<i>Malva lusitanica</i> (L.) Valdés subsp. <i>lusitanica</i>	EN	B1ab(iii,v)+2ab(iii,v)	2; 7
Malvaceae	<i>Malva oxyloba</i> Boiss.	DD		7.3
Malvaceae	<i>Malva unguiculata</i> (Desf.) Alef.	CR(PE)		
Asteraceae	<i>Matricaria aurea</i> (Loefl.) Sch.Bip.	NT		1.1; 1.3; 4.1; 6.3
Fabaceae	<i>Medicago lesinsii</i> E.Small	DD		
Fabaceae	<i>Medicago pironae</i> Vis.	NT		7.3
Fabaceae	<i>Medicago soleirolii</i> Duby	DD		
Orobanchaceae	<i>Melampyrum catalaunicum</i> Freyn	LC		
Poaceae	<i>Melica amethystina</i> Pourr.	DD		
Poaceae	<i>Melica minuta</i> L. subsp. <i>minuta</i>	DD		
Poaceae	<i>Melica minuta</i> L. subsp. <i>latifolia</i> (Coss.) W.Hempel	DD		
Poaceae	<i>Melica picta</i> K.Koch	LC		7.1.1; 11.5
Poaceae	<i>Melica transsilvanica</i> Schur subsp. <i>klokovii</i> Tzvelev	LC		1; 2.1.1; 7.3
Asparagaceae	<i>Melomphis arabica</i> (L.) Raf.	NT		1.3; 7.3
Lamiaceae	<i>Mentha requienii</i> Benth. subsp. <i>requienii</i>	LC		7.2; 7.3
Euphorbiaceae	<i>Mercurialis corsica</i> Coss. & Kralik	LC		
Lamiaceae	<i>Micromeria filiformis</i> (Aiton) Benth. subsp. <i>filiformis</i>	VU	B1ab(iii,v)+2ab(iii,v)	1.3; 2.1; 2.2; 2.3; 4.1; 6.1; 7.1; 8.1; 9.3
Lamiaceae	<i>Micromeria marginata</i> (Sm.) Chater	LC		
Caryophyllaceae	<i>Moehringia argenteria</i> Casazza & Minuto	LC		
Caryophyllaceae	<i>Moehringia intermedia</i> (Loisel.) Panizzi	CR	D	7.3
Caryophyllaceae	<i>Moehringia lebrunii</i> Merxm.	LC		
Caryophyllaceae	<i>Moehringia sedoides</i> (Pers.) Ugo Cumino ex Loisel.	LC		
Caryophyllaceae	<i>Moenchia erecta</i> (L.) G.Gaertn., B.Mey. & Scherb. subsp. <i>octandra</i> (Ziz ex Mert. & W.D.J.Koch) Gürke ex Cout.	DD		
Poaceae	<i>Molineriella minuta</i> (L.) Rouy	NT		7.1, 10.3; 1; 2.1.1; 7.3
Brassicaceae	<i>Moricandia longirostris</i> Pomel	LC		7.1, 9.1
Brassicaceae	<i>Morisia monanthos</i> (Viv.) Asch.	LC		2.3; 6.1
Brassicaceae	<i>Murbeckiella pinnatifida</i> (Lam.) Rothm.	LC		1.3; 6.1
Brassicaceae	<i>Murbeckiella zanonii</i> (Ball) Rothm.	LC		
Asparagaceae	<i>Muscari commutatum</i> Guss.	LC		2.1; 6.1
Asparagaceae	<i>Muscari parviflorum</i> Desf.	EN	B1ab(i,ii,iii,iv,v)	1.1; 1.3; 2.1; 2.3; 4.1
Boraginaceae	<i>Myosotis soleirolii</i> Godr.	VU	B1ab(iii,v)+2ab(iii,v)	2.3; 7.2; 7.3
Boraginaceae	<i>Myosotis speluncicola</i> (Boiss.) Rouy	LC		

Boraginaceae	<i>Myosotis sylvatica</i> Hoffm. subsp. <i>cyanea</i> (Hayek) Vestergrén	DD		
Plumbaginaceae	<i>Myriolimon ferulaceum</i> (L.) Lledó, Erben & M.B.Crespo	VU	D2	3.2
Asteraceae	<i>Nananthea perpusilla</i> (Loisel.) DC.	EN	B2ab(iii,v)	1.3; 6.1; 7; 8.1; 11.1
Amaryllidaceae	<i>Narcissus miniatus</i> Donn.-Morg., Koop. & Zonn.	LC		1.1; 1.3; 2.1.1; 5.2.1; 4.1; 7.3
Orchidaceae	<i>Neotinea lactea</i> (Poir.) R.M.Bateman, Pridgeon & M.W.Chase	NT		1.1, 1.3; 2.1; 2.2; 2.3; 4.1; 5.3; 7.1; 7.3; 10.1
Lamiaceae	<i>Nepeta apulejii</i> Ucria	LC		1.1, 1.3, 7.1
Lamiaceae	<i>Nepeta italica</i> L.	CR(PE)		
Lamiaceae	<i>Nepeta tuberosa</i> L. subsp. <i>tuberosa</i>	DD		
Ranunculaceae	<i>Nigella papillosa</i> G.López subsp. <i>atlantica</i> (Murb.) Amich ex G.López	DD		
Orchidaceae	<i>Nigritella corneliana</i> (Beauverd) Gözl & H.R.Reinhard	LC		5.2
Brassicaceae	<i>Noccaea brevistyla</i> (DC.) Steud.	LC		2.3
Brassicaceae	<i>Noccaea sylvia</i> (Gaudin) F.K.Mey.	LC		1.3; 6.1
Brassicaceae	<i>Noccaea virens</i> (Jord.) F.K.Mey.	LC		
Boraginaceae	<i>Nonea echioides</i> (L.) Roem. & Schult.	CR(PE)		
Boraginaceae	<i>Nonea vesicaria</i> (L.) Rchb.	LC		1.1, 1.3, 7.1
Orobanchaceae	<i>Odontites corsicus</i> (Loisel.) G.Don	VU	D2	2.3; 6.1
Orobanchaceae	<i>Odontites vernus</i> (Bellardi) Dumort. subsp. <i>siculus</i> (Guss.) P.D.Sell	LC		7.1; 10.1
Orobanchaceae	<i>Odontites viscosus</i> (L.) Clairv. subsp. <i>viscosus</i>	DD		
Apiaceae	<i>Oenanthe fistulosa</i> L.	NT		
Asparagaceae	<i>Oncostema ceruleum</i> (Raf.) Speta	LC		2.1, 3.3
Asparagaceae	<i>Oncostema elongatum</i> (Parl.) Speta	DD		
Fabaceae	<i>Ononis dentata</i> Lowe	LC		1.1, 1.3
Fabaceae	<i>Ononis hispida</i> Desf. subsp. <i>hispida</i>	DD		2.1
Fabaceae	<i>Ononis oligophylla</i> Ten.	DD		
Fabaceae	<i>Ononis pendula</i> Desf. subsp. <i>boissieri</i> (Širj.) Devesa	LC		1.1; 1.3; 4.1
Fabaceae	<i>Ononis pubescens</i> L.	CR	B 1ab(iii,v)+2ab(iii,v)	1.1
Fabaceae	<i>Ononis serrata</i> Forssk.	VU	D2	1.3
Asteraceae	<i>Onopordum illyricum</i> L. subsp. <i>cardunculus</i> (Boiss.) Arènes	DD		
Asteraceae	<i>Onopordum macracanthum</i> Schousb.	LC		
Boraginaceae	<i>Onosma echioides</i> (L.) L. subsp. <i>dalmatica</i> (Scheele) Peruzzi & N.G.Passal.	NT		1.1; 2.1; 7.3
Boraginaceae	<i>Onosma fastigiata</i> (Braun-Blanq.) Lacaita subsp. <i>fastigiata</i>	NT		7.1.1; 7.3
Boraginaceae	<i>Onosma pseudoarenaria</i> Schur subsp. <i>fallax</i> (Borbás) Rauschert	NT		7.3
Orchidaceae	<i>Ophrys annae</i> Devillers-Tersch. & Devillers	LC		
Orchidaceae	<i>Ophrys bertolonii</i> Moretti subsp. <i>bertolonii</i>	LC		1.1; 1.1.4; 1.3; 6.1; 1.3; 2.1; 2.3; 4.1; 7.1; 7.3
Orchidaceae	<i>Ophrys corsica</i> Soleirol ex G.Foelsche & W.Foelsche	LC		1.1; 1.3; 2.1; 2.3; 4.1; 7.1
Orchidaceae	<i>Ophrys delforgei</i> Devillers-Tersch. & Devillers	LC		
Orchidaceae	<i>Ophrys exaltata</i> Ten. subsp. <i>splendida</i> (Gözl & H.R.Reinhard) Soca	LC		
Orchidaceae	<i>Ophrys lutea</i> Cav.	LC		1.1; 1.3; 2.1; 2.3; 4.1; 7.1
Orchidaceae	<i>Ophrys mirabilis</i> Geniez & Melki	VU	B 1ab(iii)	1.1; 1.3; 2.1; 2.3; 4.1; 7.1
Orchidaceae	<i>Ophrys pallida</i> Raf.	VU	B 1ab(iii)	1.1; 1.3; 2.1; 2.3; 4.1; 7.1
Orchidaceae	<i>Ophrys scolopax</i> Cav.	LC		
Orchidaceae	<i>Ophrys sicula</i> Tineo	LC		1.1; 1.3; 2.1; 2.3; 3.2; 4.1; 7.1
Orchidaceae	<i>Ophrys speculum</i> Link	LC		1.1; 1.3; 2.1; 2.3; 4.1; 5.2; 6.1; 7.1; 9.2
Orchidaceae	<i>Ophrys tenthredinifera</i> Willd. subsp. <i>aprilina</i> (Devillers & Devillers-Tersch.) Kreutz	VU	B 1ab(iii,v)	2.3; 5.2; 6.1; 7.3

Orchidaceae	<i>Ophrys tenthredinifera</i> Willd. subsp. <i>neglecta</i> (Parl.) E.G.Camus	LC		
Orchidaceae	<i>Orchis italica</i> Poir.	LC		1.1; 1.3; 2.1; 2.3; 4.1; 7.1
Orchidaceae	<i>Orchis mascula</i> (L.) L. subsp. <i>ichnusae</i> Corrias	EN	B2ab(iii,v)	2.2; 2.3; 5.2; 6.1; 7.3
Orchidaceae	<i>Orchis pauciflora</i> Ten.	LC		2.3; 7.3
Orchidaceae	<i>Orchis quadripunctata</i> Cirillo ex Ten.	LC		
Poaceae	<i>Oreochloa seslerioides</i> (All.) K.Richt.	LC		
Lamiaceae	<i>Origanum onites</i> L.	EN	B1ab(iii,v)+2ab(iii,v)	1.1; 7.1
Apiaceae	<i>Orlaya daucorlaya</i> Murb.	LC		
Asparagaceae	<i>Ornithogalum collinum</i> Guss. subsp. <i>collinum</i>	LC		1.1; 1.3; 2.1; 2.3; 4.1; 7.1
Asparagaceae	<i>Ornithogalum corsicum</i> Jord. & Fourr.	LC		2.2; 2.3
Asparagaceae	<i>Ornithogalum gussonei</i> Ten.	LC		1.1; 4.1; 7.1; 7.3
Orobanchaceae	<i>Orobanche alsatica</i> Kirschl.	VU	D2	4.1; 5.2; 6.1; 7.1; 11.1
Orobanchaceae	<i>Orobanche cumana</i> Wallr.	DD		
Orobanchaceae	<i>Orobanche foetida</i> Poir.	DD		
Orobanchaceae	<i>Orobanche rigens</i> Loisel.	LC		
Osmundaceae	<i>Osmunda regalis</i> L.	NT		2; 6; 7; 8; 9; 11
Paeoniaceae	<i>Paeonia morisii</i> Cesca, Bernardo & N.G.Passal.	LC		2.2; 5.2.1; 6.1
Paeoniaceae	<i>Paeonia officinalis</i> L. subsp. <i>arietina</i> (G.Anderson) N.G.Passal.	LC		7.3
Paeoniaceae	<i>Paeonia officinalis</i> L. subsp. <i>huthii</i> Soldano	EN	B1ab(iii)+2ab(iii)	5.2.1; 8.2
Amaryllidaceae	<i>Pancratium illyricum</i> L.	NT		8.2.2; 7.3
Poaceae	<i>Parapholis marginata</i> Runemark	LC		3.2
Urticaceae	<i>Parietaria cretica</i> L.	LC		7.1, 8.1
Caryophyllaceae	<i>Paronychia arabica</i> (L.) DC. subsp. <i>longiseta</i> Batt.	VU	D2	1.1, 1.3
Caryophyllaceae	<i>Paronychia kapela</i> (Hacq.) A.Kern. subsp. <i>serpyllifolia</i> (Chaix) Graebn.	LC		
Poaceae	<i>Parvotrisetum myrianthum</i> (Bertol.) Chrtek	EN	B1ab(iii)c(iii,iv)+2ab(iii)c(iii,iv)	2.1; 9.3.3
Apiaceae	<i>Pastinaca kochii</i> Duby	DD		
Amaranthaceae	<i>Patellifolia procumbens</i> (C.Sm.) A.J.Scott	NT		1.1, 1.3
Poaceae	<i>Patzkea coerulescens</i> (Desf.) H.Scholz	LC		
Orobanchaceae	<i>Pedicularis elongata</i> A.Kern. subsp. <i>julica</i> (E.Mayer) Hartl	LC		7.3
Asteraceae	<i>Pentanema helveticum</i> (Weber) D.Gut.Larr., Santos-Vicente, Anderb., E.Rico & M.M.Mart.Ort.	CR	B1ab(v)+2ab(v)	7.3
Apocynaceae	<i>Periploca angustifolia</i> Labill.	LC		1.1; 1.3; 4.1
Caryophyllaceae	<i>Petrorhagia illyrica</i> (Ard.) P.W.Ball & Heywood subsp. <i>haynaldiana</i> (F.N.Williams) P.W.Ball & Heywood	LC		7.1
Crassulaceae	<i>Petrosedum amplexicaule</i> (DC.) Velayos	DD		
Apiaceae	<i>Peucedanum coriaceum</i> Rchb.	CR(PE)		
Asteraceae	<i>Phagnalon rupestre</i> (L.) DC. subsp. <i>illyricum</i> (H.Lindb.) Ginzb.	LC		1.1, 7.1
Poaceae	<i>Phalaris elongata</i> Braun-Blanq.	NT		1.1
Poaceae	<i>Phalaris truncata</i> Guss. ex Bertol.	NT		1.1; 2.1.1; 4.1; 7.1; 7.3
Poaceae	<i>Phalaris arundinacea</i> L. subsp. <i>rotgesii</i> (Husn.) Kerguélen	DD		
Poaceae	<i>Phleum echinatum</i> Host	LC		1.1, 7.1
Poaceae	<i>Phleum exaratum</i> Hochst. ex Griseb. subsp. <i>exaratum</i>	DD		
Poaceae	<i>Phragmites australis</i> (Cav.) Trin. ex Steud. subsp. <i>altissimus</i> (Benth.) Clayton	NT		1.1; 2.1; 2.2; 4.1, 6.3; 7.2; 9.2; 11.1
Campanulaceae	<i>Phyteuma cordatum</i> Balb.	VU	D1	10.3
Campanulaceae	<i>Phyteuma hedraianthifolium</i> Rich.Schulz	LC		6.1; 11.1
Campanulaceae	<i>Phyteuma humile</i> Schleich. ex Gaudin	LC		

Pinaceae	<i>Picea obovata</i> Ledeb.	DD		
Asteraceae	<i>Picris hispidissima</i> (Bartl.) W.D.J.Koch	CR(PE)		
Marsileaceae	<i>Pilularia globulifera</i> L.	CR(PE)		
Lentibulariaceae	<i>Pinguicula hirtiflora</i> Ten.	EN	B2ab(i,ii,iii,iv,v)	4; 2; 6; 7; 9; 10
Lentibulariaceae	<i>Pinguicula reichenbachiana</i> Schindl.	EN	D	4; 7
Pinaceae	<i>Pinus nigra</i> J.F.Arnold subsp. <i>laricio</i> Palib. ex Maire	LC		5.3; 7.1; 10.3
Asteraceae	<i>Plagius flosculosus</i> (L.) Alavi & Heywood	EN	B2ab(iii,v)	1.1; 2.1; 4.1; 7; 8.1
Plantaginaceae	<i>Plantago amplexicaulis</i> Cav. subsp. <i>amplexicaulis</i>	EN	B1ab(iii,v)+2ab(iii,v)	1.3; 4.1; 7.1; 7.3
Plantaginaceae	<i>Plantago cornutii</i> Gouan	EN	B2ab(i,ii,iii,iv,v)	1.1; 1.2; 7.2
Plantaginaceae	<i>Plantago cupanii</i> Guss.	NT		1.3; 2.1; 2.3; 4.1; 9.3.2
Orchidaceae	<i>Platanthera algeriensis</i> Batt. & Trab.	EN	B2ab(iii,v)	1.3; 2.2; 2.3; 5.2; 7.3
Poaceae	<i>Poa balbisii</i> Parl.	LC		2.2; 2.3.1
Poaceae	<i>Poa bivonae</i> Parl. ex Guss.	LC		2.3; 7.1
Poaceae	<i>Poa perligularis</i> H.Scholz	LC		7.3
Poaceae	<i>Poa remota</i> Forselles	NT		7.2
Poaceae	<i>Poa timoleontis</i> Heldr. ex Boiss.	DD		
Polygalaceae	<i>Polygala exilis</i> DC.	CR	B2ab(iii)c(iv)	6
Polygalaceae	<i>Polygala saxatilis</i> Desf.	VU	D2	2.3; 6.1
Polygonaceae	<i>Polygonum robertii</i> Loisel.	CR	A1c	1; 6; 7; 8
Polygonaceae	<i>Polygonum scoparium</i> Req. ex Loisel.	EN	B2ab(iii,v)	2.3; 7.3
Potamogetonaceae	<i>Potamogeton obtusifolius</i> Mert. & W.D.J.Koch	NT		7.2
Potamogetonaceae	<i>Potamogeton praelongus</i> Wulfen	EN	B1ab(iii)+2ab(iii)	7.3; 8; 9
Rosaceae	<i>Potentilla anglica</i> Laichard.	DD		
Rosaceae	<i>Potentilla clusiana</i> Jacq.	CR(PE)		
Rosaceae	<i>Potentilla crassinervia</i> Viv.	NT		2.3; 6.1
Rosaceae	<i>Potentilla heptaphylla</i> L. subsp. <i>australis</i> (Nyman) Gams	VU	B1ab(iii)+2ab(iii)	7.3
Rosaceae	<i>Potentilla pensylvanica</i> L.	EN	D	1.3; 4.1; 5.2
Rosaceae	<i>Potentilla saxifraga</i> Ardoino ex De Not.	NT		7.1.1
Rosaceae	<i>Potentilla tommasiniana</i> F.W.Schultz	VU	B1ab(iii,v)+2ab(iii,v)	7.3
Rosaceae	<i>Potentilla valderia</i> L.	LC		
Rosaceae	<i>Poterium rupiculum</i> Boiss. & Reut.	LC		
Rosaceae	<i>Poterium spinosum</i> L.	EN	A2c+B2ab(i,ii,iii,iv)	1.3; 6.1
Apiaceae	<i>Prangos trifida</i> Herrnst. & Heyn	DD		
Primulaceae	<i>Primula allionii</i> Loisel.	LC		5.2
Primulaceae	<i>Primula daonensis</i> (Leyb.) Leyb.	LC		4.1; 6.1; 10.3; 11.1
Primulaceae	<i>Primula integrifolia</i> L.	NT		2.3.1; 4.1; 10.3; 11.1
Primulaceae	<i>Primula marginata</i> Curtis	LC		
Primulaceae	<i>Primula wulfeniana</i> Schott subsp. <i>wulfeniana</i>	LC		1.3; 6.1; 11.1
Asparagaceae	<i>Prospero corsicum</i> (Boullu) J.-M.Tison	LC		
Asparagaceae	<i>Prospero elisae</i> Speta	NT		7.3
Asparagaceae	<i>Prospero obtusifolium</i> (Poir.) Speta subsp. <i>intermedium</i> (Guss.) Soldano & F.Conti	NT		1.1; 1.3; 2.1; 4.1
Lamiaceae	<i>Prunella hyssopifolia</i> L.	LC		5.2.1
Rosaceae	<i>Prunus brigantina</i> Vill.	LC		5.3
Rosaceae	<i>Prunus webbii</i> (Spach) Vierh.	VU	B2ab(iii)	2.3; 4.1; 7.1.3; 7.3
Ranunculaceae	<i>Ranunculus batrachioides</i> Pomel	DD		7
Ranunculaceae	<i>Ranunculus baudotii</i> Godr.	NT		2.1; 2.3; 6.1; 7.2; 7.3; 11.2; 11.4
Ranunculaceae	<i>Ranunculus cordiger</i> Viv. subsp. <i>cordiger</i>	EN	B2ab(iii,v)	2.3; 7.2

Ranunculaceae	<i>Ranunculus cordiger</i> Viv. subsp. <i>diffusus</i> (Moris) Arrigoni	EN	B2ab(iii,v)	2.3; 7.2
Ranunculaceae	<i>Ranunculus ophioglossifolius</i> Vill.	VU	B2ab(i,ii,iii,iv,v)	2.1.2; 2.3.1; 4.1;6; 7.2; 9.3.1
Ranunculaceae	<i>Ranunculus pygmaeus</i> Wahlenb.	LC		7.3
Ranunculaceae	<i>Ranunculus revelierei</i> Boreau	EN	B2ab(iii,v)	7.2; 7.3
Ranunculaceae	<i>Ranunculus serbicus</i> Vis.	NT		2.1.3; 6.1; 7.2.3
Tamaricaceae	<i>Reaumuria vermiculata</i> L.	CR	B2ab(iii,v)	6; 7
Asteraceae	<i>Reichardia tingitana</i> (L.) Roth	LC		1.1, 1.3, 9.4
Rhamnaceae	<i>Rhamnus intermedia</i> Steud. & Hochst.	VU	D1+D2	7.3
Rhamnaceae	<i>Rhamnus lycioides</i> L. subsp. <i>oleoides</i> (L.) Jahand. & Maire	EN	B2ab(iii,v)	1.1; 1.3; 2.3; 4.1; 6.2; 7.1; 7.3; 11.2
Asteraceae	<i>Rhaponticum bicknellii</i> (Briq.) Banfi, Galasso & Soldano	NT		2.3; 7.3
Orobanchaceae	<i>Rhinanthus antiquus</i> (Sterneck) Schinz & Thell.	DD		
Orobanchaceae	<i>Rhinanthus pampaninii</i> Chabert subsp. <i>pampaninii</i>	NT		7.3
Orobanchaceae	<i>Rhinanthus pampaninii</i> Chabert subsp. <i>simplex</i> Zirnich & Cohrs	DD		
Orobanchaceae	<i>Rhinanthus songeonii</i> Chabert	LC		
Anacardiaceae	<i>Rhus pentaphylla</i> (Jacq.) Desf.	LC		1.1, 1.3, 7.1
Anacardiaceae	<i>Rhus tripartita</i> (Ucria) Grande	LC		1.1, 1.3, 7.1
Cyperaceae	<i>Rhynchospora alba</i> (L.) Vahl	EN	B2ab(i,ii,iii,iv,v)	3.2; 8.1.2; 7.3; 11.1
Cyperaceae	<i>Rhynchospora fusca</i> (L.) W.T.Aiton	EN	B2ab(i,ii,iii,iv,v)	1; 7.2; 7.2.7; 7.3; 11.1
Grossulariaceae	<i>Ribes uva-crispa</i> L. subsp. <i>austro-europeum</i> Bornm.	LC		
Asteraceae	<i>Robertia taraxacoides</i> (Loisel.) DC.	LC		1.1; 1.3; 2.3.1; 4.1; 10.1
Iridaceae	<i>Romulea ligustica</i> Parl.	NT		2; 3; 6; 7; 8
Iridaceae	<i>Romulea ramiflora</i> Ten. subsp. <i>ramiflora</i>	LC		1.3; 2.3; 4.1; 7.3
Iridaceae	<i>Romulea requienii</i> Parl.	LC		
Iridaceae	<i>Romulea revelierei</i> Jord. & Fourr.	DD		
Iridaceae	<i>Romulea variicolor</i> Mifsud	DD		1.1, 1.3
Rosaceae	<i>Rosa pseudoscabriuscula</i> (R.Keller) Henker & G.Schulze	DD		
Rosaceae	<i>Rosa rhaetica</i> Gremlí	DD		
Rosaceae	<i>Rosa sherardii</i> Davies	NT		
Rosaceae	<i>Rosa stylosa</i> Desv.	CR	D	7
Rosaceae	<i>Rosa uriensis</i> Lagger & Puget ex Cottet	DD		
Poaceae	<i>Rostraria hispida</i> (Savi) Doğan	LC		2.1; 4.1; 7.2; 7.3
Ruppiaceae	<i>Ruppia spiralis</i> L. ex Dumort.	NT		1.3; 6.1; 2.3; 4.1; 7.2; 9.1; 11.2
Caryophyllaceae	<i>Sagina pilifera</i> (DC.) Fenzl	LC		
Caryophyllaceae	<i>Sagina revelierei</i> Jord. & Fourr.	LC		
Alismataceae	<i>Sagittaria sagittifolia</i> L.	EN	B2ab(i,ii,iii,iv,v)	2; 7; 9
Salicaceae	<i>Salix atrocinerea</i> Brot. subsp. <i>atrocinerea</i>	NT		7.2; 7.1; 2.2
Salicaceae	<i>Salix aurita</i> L.	CR	D	7.2; 12
Salicaceae	<i>Salix hegetschweileri</i> Heer	NT		7.2
Salicaceae	<i>Salix laggeri</i> Wimm.	LC		
Salicaceae	<i>Salix pentandra</i> L.	EN	B2ab(iii,v)	6
Amaranthaceae	<i>Salsola oppositifolia</i> Desf.	EN	B1ab(iii,v)+2ab(iii,v)	6; 7
Lamiaceae	<i>Salvia aethiopsis</i> L.	EN	B2ab(iii,v)	2.1; 2.3; 6
Primulaceae	<i>Samolus valerandi</i> L.	LC		1.3; 1.2; 2; 4; 6.1; 7.2.2; 7.3; 8.2; 9.1
Asteraceae	<i>Santolina corsica</i> Jord. & Fourr.	LC		2.3
Caryophyllaceae	<i>Saponaria calabrica</i> Guss.	VU	B1ab(iii)	4.1; 7.3
Caryophyllaceae	<i>Saponaria lutea</i> L.	LC		1.3; 2.3; 6.1

Caryophyllaceae	<i>Saponaria ocymoides</i> L. subsp. <i>alsinoides</i> (Viv.) Arcang.	LC		
Caryophyllaceae	<i>Saponaria pumila</i> Janch.	LC		
Caryophyllaceae	<i>Saponaria sicula</i> Raf.	LC		6.1
Asteraceae	<i>Saussurea alpina</i> (L.) DC. subsp. <i>depressa</i> (Gren.) Nyman	EN	D	11.1
Asteraceae	<i>Saussurea pygmaea</i> (Jacq.) Spreng.	LC		6.1
Saxifragaceae	<i>Saxifraga cochlearis</i> Rchb.	LC		5.2.1
Saxifragaceae	<i>Saxifraga corsica</i> (Ser. ex Duby) Gren. & Godr. subsp. <i>corsica</i>	LC		6.1
Saxifragaceae	<i>Saxifraga exarata</i> Vill. subsp. <i>carniolica</i> (Huter) T.Wraber	NT		6.1
Saxifragaceae	<i>Saxifraga glabella</i> Bertol.	DD		
Saxifragaceae	<i>Saxifraga pedemontana</i> All. subsp. <i>cervicornis</i> (Viv.) Engl.	LC		6.1
Saxifragaceae	<i>Saxifraga pedemontana</i> All. subsp. <i>pedemontana</i>	LC		
Saxifragaceae	<i>Saxifraga tenella</i> Wulfen	LC		6.1
Caprifoliaceae	<i>Scabiosa mollissima</i> Viv.	LC		
Caprifoliaceae	<i>Scabiosa silenifolia</i> Waldst. & Kit.	LC		
Caprifoliaceae	<i>Scabiosa taygetea</i> Boiss. & Heldr. subsp. <i>garganica</i> (Porta & Rigo) Hayek	NT		1.1; 2.3; 4.1
Apiaceae	<i>Scandix australis</i> L. subsp. <i>grandiflora</i> (L.) Thell.	CR(PE)		
Scheuchzeriaceae	<i>Scheuchzeria palustris</i> L.	EN	B2ab(i,ii,iii,iv,v)	7.2; 7.3; 9.3
Cyperaceae	<i>Scirpus radicans</i> Schkuhr	EN	B1ab(iii,v)+2ab(iii,v)	7.2; 8.1; 9.1; 9.3
Caryophyllaceae	<i>Scleranthus perennis</i> L. subsp. <i>dichotomus</i> (Schur) Nyman	DD		
Solanaceae	<i>Scopolia carniolica</i> Jacq.	EN	B1ab(iii,v)+2ab(iii,v)	5.3; 7.2; 8.2;
Asteraceae	<i>Scorzonera hispanica</i> L. subsp. <i>hispanica</i>	LC		
Asteraceae	<i>Scorzonera undulata</i> Vahl subsp. <i>deliciosa</i> (Guss.) Maire	LC		1.1, 1.3, 7.1
Scrophulariaceae	<i>Scrophularia frutescens</i> L.	VU	D2	1.1; 1.3; 4.1
Scrophulariaceae	<i>Scrophularia lucida</i> L.	LC		5.2.2; 7
Scrophulariaceae	<i>Scrophularia oblongifolia</i> Loisel.	LC		2.3; 7.3
Scrophulariaceae	<i>Scrophularia ramosissima</i> Loisel.	NT		1.3; 6.1
Scrophulariaceae	<i>Scrophularia trifoliata</i> L.	NT		2.3; 8.2.2
Lamiaceae	<i>Scutellaria minor</i> Huds.	EN	B1ab(iii,v)+2ab(iii,v)	6.1; 7.2
Crassulaceae	<i>Sedum aetnense</i> Tineo	LC		10.1
Crassulaceae	<i>Sedum brevifolium</i> DC.	NT		
Crassulaceae	<i>Sedum caeruleum</i> L.	LC		3.2
Crassulaceae	<i>Sedum fragrans</i> 't Hart	NT		7.2
Crassulaceae	<i>Sedum glandulosum</i> Moris	LC		2.3; 6.1
Crassulaceae	<i>Sedum gypsicola</i> Boiss. & Reut.	NT		3.3
Crassulaceae	<i>Sempervivum glaucum</i> Ten.	DD		
Crassulaceae	<i>Sempervivum grandiflorum</i> Haw.	LC		
Asteraceae	<i>Senecio fontanicola</i> Grulich & Hodálová	EN	B1ab(iii,v)+2ab(iii,v)	7.2; 9.3
Asteraceae	<i>Senecio leucanthemifolius</i> Poir. subsp. <i>leucanthemifolius</i>	LC		
Asteraceae	<i>Senecio petraeus</i> Boiss. & Reut.	DD		
Asteraceae	<i>Senecio scopolii</i> Hoppe & Hornsch. subsp. <i>scopolii</i>	NT		7.3
Asteraceae	<i>Senecio squalidus</i> L. subsp. <i>aurasicus</i> (Batt.) C.Alexander	DD		
Asteraceae	<i>Senecio transiens</i> (Rouy) Jeanm.	NT		1.3; 6.1
Orchidaceae	<i>Serapias bergonii</i> E.G.Camus	LC		1.1; 1.3; 2.1; 2.3; 4.1; 7.1
Orchidaceae	<i>Serapias lingua</i> L.	LC		1.1; 1.3; 2.1; 2.3; 4.1; 6.1; 7.1; 7.3
Orchidaceae	<i>Serapias neglecta</i> De Not.	LC		1.1; 1.3; 4.1; 7.1; 7.3; 8.2.2
Orchidaceae	<i>Serapias nurrica</i> Corrias subsp. <i>nurrica</i>	EN	B2ab(iii,v)	2.3.1; 5.2; 7.1.1; 7.3

Orchidaceae	<i>Serapias politisii</i> Renz	LC		1.3; 2.1; 6.1; 7
Orchidaceae	<i>Serapias strictiflora</i> Welw. ex Veiga subsp. <i>gregaria</i> (Godf.) Kreutz	NT		7.3; 8.2.2
Apiaceae	<i>Sesamoides spathulifolia</i> (Revelière ex Boreau) Rothm.	LC		
Apiaceae	<i>Seseli galloprovinciale</i> Reduron	DD		
Apiaceae	<i>Seseli praecox</i> (Gamisans) Gamisans	LC		6.1; 10.3
Poaceae	<i>Sesleria argentea</i> (Savi) Savi	LC		
Poaceae	<i>Sesleria autumnalis</i> (Scop.) F.W.Schultz	LC		
Poaceae	<i>Sesleria caerulea</i> (L.) Ard. subsp. <i>angustifolia</i> (Hack. & Beck) Jogan	DD		
Poaceae	<i>Sesleria insularis</i> Sommier subsp. <i>insularis</i>	LC		
Poaceae	<i>Sesleria juncifolia</i> Wulfen ex Suffren subsp. <i>juncifolia</i>	LC		
Poaceae	<i>Sesleria kalnikensis</i> Jáv.	NT		7.3
Poaceae	<i>Sesleriella leucocephala</i> (DC.) Deyl	LC		
Poaceae	<i>Sesleria uliginosa</i> Opiz	NT		1; 2.1; 7.2; 7.3; 9.3.1; 9.3.3; 11.1; 6.1
Caryophyllaceae	<i>Silene arghireica</i> Vals.	NT		1.3; 4.1; 6.1
Caryophyllaceae	<i>Silene badaroi</i> Breistr.	EN	B2ab(iii,v)	4; 6; 7; 8
Caryophyllaceae	<i>Silene campanula</i> Pers.	LC		
Caryophyllaceae	<i>Silene cordifolia</i> All.	LC		
Caryophyllaceae	<i>Silene fruticosa</i> L.	LC		3.2, 7.1
Caryophyllaceae	<i>Silene linicola</i> C.C.Gmel.	CR(PE)		
Caryophyllaceae	<i>Silene nocturna</i> L. subsp. <i>boullui</i> (Jord. ex Rouy & Foucaud) Gamisans	NT		
Caryophyllaceae	<i>Silene nodulosa</i> Viv.	LC		
Caryophyllaceae	<i>Silene portensis</i> L.	CR(PE)		
Caryophyllaceae	<i>Silene succulenta</i> Forssk. subsp. <i>corsica</i> (DC.) Nyman	EN	B2ab(iii,v)	1.3; 6.1; 8.2.2
Caryophyllaceae	<i>Silene tenuiflora</i> Guss.	NT		1.1; 2.1; 2.3; 4.1; 7.3
Caryophyllaceae	<i>Silene velutinoides</i> Pomel	VU	D2	2.3; 6.1; 10.3
Brassicaceae	<i>Sinapis alba</i> L. subsp. <i>mairei</i> (H.Lindb.) Maire	LC		1.1; 2.1; 2.3; 4.1
Campanulaceae	<i>Solenopsis corsica</i> (Meikle) M.B.Crespo, Serra & Juan	DD		
Asteraceae	<i>Sonchus palustris</i> L.	RE		
Sparganiaceae	<i>Sparganium hyperboreum</i> Laest. ex Beurl.	EN	B2ab(iii)	7.2; 11.2
Caryophyllaceae	<i>Spergularia macrorhiza</i> (Req. ex Loisel.) Heynh.	EN	B1ab(iii,v)+2ab(iii,v)	1.3; 6.1; 8.1
Caryophyllaceae	<i>Spergularia madoniaca</i> Lojac.	CR	B1ab(iii,v)+2ab(iii,v)	11.2
Rosaceae	<i>Spiraea chamaedryfolia</i> L.	DD		
Rosaceae	<i>Spiraea decumbens</i> W.D.J.Koch subsp. <i>decumbens</i>	LC		
Poaceae	<i>Sporobolus maritimus</i> (Curtis) P.M.Peterson & Saarela	EN	B2ab(iii,v)	1.1; 7.2; 6.3; 8.1; 9.3
Lamiaceae	<i>Stachys corsica</i> Pers.	LC		
Lamiaceae	<i>Stachys glutinosa</i> L.	LC		
Lamiaceae	<i>Stachys rossii</i> (Peris, Stübing, Jury & Rejdali) Bartolucci, Peruzzi & Soldano	DD		
Lamiaceae	<i>Stachys salisii</i> Jord. & Fourr.	NT		1.3; 7.3
Ranunculaceae	<i>Staphisagria requienii</i> (DC.) Spach subsp. <i>picta</i> (Willd.) Peruzzi	LC		
Caryophyllaceae	<i>Stellaria longifolia</i> Willd.	LC		
Poaceae	<i>Stipa barbata</i> Desf. subsp. <i>barbata</i>	LC		1.1; 1.3; 2.1; 2.3; 4.1; 7.1
Poaceae	<i>Stipa juncea</i> L.	LC		
Poaceae	<i>Stipa letourneuxii</i> Trabut subsp. <i>letourneuxii</i>	DD		
Hydrocharitaceae	<i>Stratiotes aloides</i> L.	EW		
Asteraceae	<i>Tanacetum audibertii</i> (Req.) DC.	EN	B1ab(iii,v)+2ab(iii,v)	2.2; 2.3; 6.1

Asteraceae	<i>Tephrosia balbisiana</i> (DC.) Holub	LC		
Asteraceae	<i>Tephrosia longifolia</i> (Jacq.) Griseb. & Schenk subsp. <i>longifolia</i>	LC		
Asteraceae	<i>Tephrosia longifolia</i> (Jacq.) Griseb. & Schenk subsp. <i>pseudocrispa</i> (Fiori) Greuter	LC		
Lamiaceae	<i>Teucrium chamaedrys</i> L. subsp. <i>pectinatum</i> Rech.f.	DD		
Lamiaceae	<i>Teucrium creticum</i> L.	CR(PE)		
Lamiaceae	<i>Teucrium lucidum</i> L.	LC		
Lamiaceae	<i>Teucrium massiliense</i> L.	LC		2.3; 5.2
Thelypteridaceae	<i>Thelypteris palustris</i> Schott	VU	B2ab(i,ii,iii,iv,v)	7.2; 7.3; 8.1; 8.2; 9.1; 9.2; 9.3
Santalaceae	<i>Thesium pyrenaicum</i> Pourr. subsp. <i>grandiflorum</i> (DC.) Hendrych	DD		
Poaceae	<i>Thinopyrum acutum</i> (DC.) Banfi	LC		1.1; 7.3
Poaceae	<i>Thinopyrum flaccidifolium</i> (Boiss. & Heldr.) Moustakas	NT		1.3, 2.1; 4.1
Lamiaceae	<i>Thymbra capitata</i> (L.) Cav.	NT		2.1.2; 3.2; 4.1; 7.1; 7.3; 9.3.2; 10.3; 11.4
Thymelaeaceae	<i>Thymelaea dioica</i> (Gouan) All.	EN	D	10.3; 11.1
Lamiaceae	<i>Thymus illyricus</i> Ronniger	DD		7.3
Lamiaceae	<i>Thymus zygiformis</i> Heinr.Braun	DD		
Malvaceae	<i>Tilia platyphyllos</i> Scop. subsp. <i>pseudorubra</i> C.K.Schneid.	DD		
Asteraceae	<i>Tragopogon cupanii</i> Guss. ex DC.	DD		
Asteraceae	<i>Tragopogon tommasinii</i> Sch.Bip.	NT		7.3
Poaceae	<i>Tricholaena teneriffae</i> (L.f.) Link	NT		1.1; 4.1
Fabaceae	<i>Trifolium arvense</i> L. subsp. <i>gracile</i> (Thuill.) Nyman	DD		
Fabaceae	<i>Trifolium cernuum</i> Brot.	DD		
Fabaceae	<i>Trifolium clusii</i> Gren. & Godr.	DD		
Fabaceae	<i>Trifolium diffusum</i> Ehrh.	LC		1.1; 7.1
Fabaceae	<i>Trifolium nigrescens</i> Viv. subsp. <i>petrisavii</i> (Clementi) Holmboe	LC		1.1; 7.1
Fabaceae	<i>Trifolium noricum</i> Wulfen subsp. <i>noricum</i>	LC		7.3
Fabaceae	<i>Trifolium sylvaticum</i> Gérard ex Loisel.	LC		
Juncaginaceae	<i>Triglochin barrelieri</i> Loisel.	EN	B2ab(iii,v)	7.2; 7.3; 11.2; 1.1; 1.3; 2.1; 2.3; 3.2; 4.1; 6.1; 7.3
Juncaginaceae	<i>Triglochin laxiflora</i> Guss.	NT		7.2; 7.3; 11.2; 1.1; 1.3; 2.1; 2.3; 3.2; 4.1; 6.1; 7.3
Poaceae	<i>Tripidium strictum</i> (Host) H.Scholz	LC		7.3
Poaceae	<i>Triplachne nitens</i> (Guss.) Link	NT		1.1, 1.3, 7.1
Poaceae	<i>Trisetaria aurea</i> (Ten.) Pignatti	LC		
Poaceae	<i>Trisetaria gracilis</i> (Moris) Banfi & Arrigoni	NT		2.3; 7.1; 7.3
Poaceae	<i>Trisetaria loeflingiana</i> (L.) Paunero subsp. <i>loeflingiana</i>	VU	B1ab(iii)+2ab(iii)	2.1; 9.3.3
Poaceae	<i>Trisetaria segetum</i> (Savi) Soldano	LC		1.1, 7.1; 2.1.1; 4.1; 7.3; 6.1
Cistaceae	<i>Tuberaria acuminata</i> (Viv.) Grosser	EN	D	1.1; 2; 3.2; 4.1
Cistaceae	<i>Tuberaria villosissima</i> (Pomel) Grosser	LC		2.1
Asparagaceae	<i>Urginea fugax</i> (Moris) Steinh.	LC		2.3; 7.3
Lentibulariaceae	<i>Utricularia australis</i> R.Br.	NT		2.3; 7.2; 9.3
Lentibulariaceae	<i>Utricularia minor</i> L.	EN	B2ab(i,ii,iii,iv,v)	2.3; 6; 7.2; 9.3.3
Lentibulariaceae	<i>Utricularia vulgaris</i> L.	EN	B2ab(i,ii,iii,iv,v)	7.2; 7.3; 8.1.2
Caprifoliaceae	<i>Valeriana celtica</i> L. subsp. <i>celtica</i>	LC		1.3; 2.3; 6.1
Caprifoliaceae	<i>Valeriana tripteris</i> L. subsp. <i>tomentella</i> E.Walther	DD		
Caprifoliaceae	<i>Valeriana officinalis</i> L. subsp. <i>nemorensis</i> (B.Turk) F.Martini & Soldano	LC		
Caprifoliaceae	<i>Valerianella costata</i> (Stev.) Betcke	LC		
Scrophulariaceae	<i>Verbascum conocarpum</i> Moris subsp. <i>conocarpum</i>	LC		

Plantaginaceae	Veronica chamaedrys L. subsp. micans M.A.Fisch.	DD		
Plantaginaceae	Veronica trichadena Jord. & Fourr.	LC		1.1, 1.3, 7.1
Plantaginaceae	Veronica verna L. subsp. brevistyla (Moris) Rouy	LC		2.3; 6.1
Fabaceae	Vicia dalmatica A.Kern.	CR	B 1ab(iii,v)+2ab(iii,v)	2.3.1
Fabaceae	Vicia glauca C.Presl subsp. glauca	LC		
Fabaceae	Vicia oreophila Zertová	DD		
Fabaceae	Vicia serinica R.Uechtr. & Huter	EN	B 1ab(iii)+2ab(iii)	2.3; 8.2.2
Fabaceae	Vicia sparsiflora Ten.	NT		2.3; 5.3; 6.1; 7.3
Apocynaceae	Vincetoxicum hirundinaria Medik. subsp. adriaticum (Beck) Markgr.	LC		1.3; 6.1
Apocynaceae	Vincetoxicum hirundinaria Medik. subsp. laxum (Bartl.) Poldini	LC		
Apocynaceae	Vincetoxicum nigrum (L.) Moench	DD		
Violaceae	Viola ambigua Waldst. & Kit.	DD		
Violaceae	Viola arborescens L.	EN	B 1ab(iii,v)+2ab(iii,v)	1.3; 2.2; 4.1; 6.1; 7.3; 8.1
Violaceae	Viola argenteria Moraldo & Forneris	LC		
Violaceae	Viola arvensis Murray subsp. megalantha Nauenb.	DD		
Violaceae	Viola calcarata L. subsp. villarsiana (Roem. & Schult.) Merxm.	LC		
Violaceae	Viola kitaibeliana Schult.	EN	B2ab(iii,v)	2.1; 2.3; 10.2; 7.3; 6; 4.1
Violaceae	Viola laricicola Marcussen	LC		
Violaceae	Viola suavis M.Bieb. subsp. adriatica (Freyn) Hasler	LC		
Violaceae	Viola valderia All.	LC		
Asteraceae	Volutaria tubuliflora (Murb.) Sennen	VU	D2	1.1
Woodsiaceae	Woodsia ilvensis (L.) R.Br.	NT		6.3
Plantaginaceae	Wulfenia carinthiaca Jacq.	EN	D	6.1
Iridaceae	Xiphion junceum (Poir.) Parl.	CR(PE)		
Potamogetonaceae	Zannichellia palustris L.	NT		1.1; 1.3; 2.1; 4.1; 7.2; 7.3; 8.1; 9.3.1; 9.3.3; 11.1
Potamogetonaceae	Zannichellia pedunculata Rchb.	DD		1; 2.1; 7.2; 7.3; 9.3.1; 9.3.3; 11.1; 4.1; 8.1; 9.3.1; 9.3.3
Lamiaceae	Ziziphora graveolens (M. Bieb.) Melnikov	DD		
Lamiaceae	Ziziphora villosa (Pers.) Melnikov	LC		7.3
Rhamnaceae	Ziziphus lotus (L.) Lam. subsp. lotus	NT		1.1; 1.3

181

182 *Major threats*

183 The most common threat to the Italian vascular flora was “natural system modifications” (39% of the
184 2,430 taxa), followed by “agriculture and aquaculture” (27%), “residential development” (27%), and
185 “human disturbance” (20%; Figure 2). Most threats are co-occurring, indicating that many taxa are
186 subjected to a set of correlated adverse processes (Table S1). For instance, many plants threatened by
187 tourism and recreational areas development were also threatened by the impact of transport, like roads
188 and railroads (Table 1). Threats to vascular plants varied among geographical areas. Taxa occurring
189 in coastal habitats resulted more affected by tourism development and disturbance, while processes
190 related to residential and commercial development, agriculture, and transportation and service
191 corridors affected taxa living in the most populated areas, usually in lowlands. Climate change

192 (drought), plant collection for commercial or cultural purposes, and non-native invasive species
193 currently represent minor threats.

194 **Discussion**

195 By summing up pre-existing and unpublished data, this study presents the assessment of 2,430
196 vascular taxa native to Italy, i.e. about 30% of the 8,195 native vascular taxa recorded for Italy
197 (Bartolucci, Peruzzi, et al. 2018). Many other national Red Lists of vascular plants were produced in
198 Europe in the last decade, e.g., in Spain (1,571 taxa assessed - Moreno Saiz 2008) or England (1,859
199 taxa assessed, including all the microspecies of *Hieracium* and *Taraxacum* – Stroh et al. 2014). The
200 Italian Red List presented here is one of the largest and most complete assessments of the vascular
201 flora native to a country in Europe and in the Mediterranean Basin, only recently overtaken by France
202 (4,982 taxa evaluated - UICN France et al. 2018). The proportion of Italian threatened vascular plant
203 taxa (24.3%) is slightly higher compared to the global estimations (22.0% - Brummitt et al. 2015),
204 and comparable to other European or Mediterranean countries, e.g., England (19.9% - Stroh et al.
205 2014) and Spain (22.1% - Muñoz-Rodríguez et al. 2016), although in the latter country the taxa
206 have been evaluated through a quick assessment process (Muñoz-Rodríguez et al. 2016).
207 Conversely, the rate of threatened vascular plants in Italy is more than double than that of France
208 (9.7% - UICN France et al. 2018). However, in the latter country, the assessment regarded most of
209 the taxa recorded nationwide and not only those considered of conservation interest. The proportion
210 of threatened taxa in the present extended Red List is even slightly higher (24.3%) than that obtained
211 considering only the Italian endemics (22.4% - Orsenigo, Montagnani, et al. 2018). Once again, this
212 could be explained by the assessment, for the present Red List, of taxa living in highly threatened
213 habitats or with a documented decline in the past years. In recent years, a large amount of information
214 was published about the Italian vascular flora, deriving from field surveys, checklists, floras, and
215 taxonomic revisions. Despite this, about 17% of the taxa assessed herein were categorized as Data
216 Deficient. This suggests a lack of distribution data, limited information on threats, and/or significant
217 gaps in taxonomic knowledge for many taxa. Moreover, the occurrence of 41 taxa was not observed
218 in recent times, so that they were assessed as CR(PE). Consequently, further field, taxonomic,
219 biogeographical, and ecological investigations of the Italian vascular flora should be undertaken to
220 fill these gaps, with special regard to least known areas and groups of species, such as apomictic and
221 poorly known genera. The analysis of threats affecting vascular plants reveals that the anthropic
222 pressure related to land use changes is the main driver of extinction risk. In particular, more than 60%
223 of the assessed taxa are affected by direct and/or indirect human disturbances, like natural system
224 modifications, agriculture, residential and commercial development, recreational activities or
225 transportation and service corridors (Figure 2; Table S1). Many of the extinct or possibly extinct taxa

226 grew in habitats or geographical areas that underwent drastic upheavals in the last decades. Some
227 examples come from the wetlands in the Po Plain (Bolpagni et al. 2018), where some species (e.g.,
228 *Aldrovanda vesiculosa* L., *Pilularia globulifera* L., *Ranunculus hostiliensis* Pignatti, etc.) met
229 extinction due to changes in agricultural practices. On the Italian slands, some plants (e.g. *Anthyllis*
230 *hermanniae* L. subsp. *corsica* Brullo & Giusso and *Limonium intermedium* (Guss.) Brullo) underwent
231 extinction because the growing tourist inflow is causing severe impacts on dunal and other coastal
232 habitats (see e.g. Ballantyne and Pickering 2013; Wraith and Pickering 2018). The abandonment of
233 traditional agricultural practices and crops like emmer or flax caused the decline and extinction of
234 some segetal species (Storkey et al. 2012; Perrino and Calabrese 2018): this is the case for *Silene*
235 *linicola* C.C.Gmel. or *Bromus grossus* Desf. ex DC. No threats were recorded for about 20% (484)
236 of the assessed taxa, mainly living in mountain areas, where anthropic pressure is lower.
237 As previously observed (e.g. Fenu et al. 2017; Orsenigo, Montagnani, et al. 2018), some highly-
238 debated threatening factors (e.g. climate change, invasive species) seem to have a negligible impact
239 on the Italian native flora. On a global level, climatic change and alien species are considered two
240 alarming drivers of species extinction (G_omez et al. 2015; Bellard et al. 2016). Nonetheless, only a
241 minor fraction of the assessed Italian taxa results directly affected by such threats.
242 Probably, this incongruence reflects difficulties in quantifying the true impact of these endangering
243 processes due to the lack of reliable assessment methods (Attorre et al. 2018). Our results represent
244 an important baseline to establish conservation priorities, legislative choices, and intervention
245 strategies on a national and regional scale. We recommend scientists and stakeholders to take this
246 information into account in conservation planning, allowing for an optimization of conservation
247 efforts while minimizing conservation costs (Carta et al. 2019). Conservation measures for
248 endangered species, both at legal and practical levels, cannot be further postponed if we truly intend
249 to prevent their extinction and halt the further deterioration of the Italy's biodiversity status.

250 **In this study**, 2,430 vascular plants native to Italy were assessed under the IUCN categories and
251 criteria, representing about 30% of the 8,195 native vascular flora recorded for Italy (Bartolucci et
252 al., 2018a). Many other examples of national Red lists of vascular plants have been produced in
253 Europe in the last decade, like in Spain (1,571 taxa assessed; Moreno Saiz 2008) or England (1,859
254 taxa assessed, including all the microspecies of *Hieracium* and *Taraxacum*; Stroh et al. 2014).
255 Nevertheless, this Italian Red list is one of the largest and most complete conservation assessments
256 of the vascular flora native to a country in Europe and in the Mediterranean Basin, only recently
257 overtaken by France (4,982 taxa evaluated; UICN France et al., 2018) The proportion of threatened
258 Italian vascular plant taxa (24.3%) is slightly higher compared to the global estimations (22.0%;
259 Brummitt et al., 2015), or to other European or Mediterranean countries, i.e. England (19.9%; Stroh

260 et al. 2014) and Spain (22.1%; Muñoz-Rodríguez et al., 2016), albeit in the latter country the taxa
261 have been evaluated through a quick assessment process (see Muñoz-Rodríguez et al., 2016 for
262 details). Instead, the number of threatened vascular plants in Italy is more than double than France
263 (9.7%; UICN France et al., 2018), however in the latter country most of the taxa recorded for national
264 territory were assessed, beyond those considered of conservation interest. Also considering the only
265 Italian endemic plant taxa (Orsenigo et al. 2018b), the proportion of threatened taxa is slightly higher
266 in this extended red list (22.4% vs 24.3%). Once again this could be explained by the species selection
267 method that in the extended red list incorporates species living in highly threatened habitats or with
268 a documented decline in the past years.

269 Although, in recent years, field explorations, checklists, regional floras and taxonomic reviews on the
270 Italian flora have been increasingly published, about 17% of vascular plants have been categorized
271 as Data Deficient, indicating that for many taxa the distribution data are lacking and/or they show
272 significant gaps of taxonomic knowledge. Moreover, 41 taxa have not been confirmed in recent times
273 and have been listed as CR(PE). Consequently, further field, taxonomic, biogeographical, and
274 ecological investigations of Italian plant species should be undertaken to fill these gaps of knowledge,
275 especially for less known areas and group of species like apomictic and poorly known genera.

276 The analysis of threats affecting vascular plants reveals that the anthropic pressure connected with
277 land use changes is the main driver of extinction risk. In particular, more than 60% of the assessed
278 species show an impact referable to human direct and/or indirect disturbance like natural system
279 modification, agriculture, residential and commercial development, recreational activities or
280 transportation and service corridors (Figure 2; Table S1). Many of the extinct or possibly extinct taxa
281 grew in habitats or geographical areas that have undergone upheavals in the last decades leading to
282 negative impacts on the vascular flora: examples come from wetlands in Po Plain where agricultural
283 practices radically changed (e.g., *Aldrovanda vesiculosa* L.; *Pilularia globulifera* L.; *Ranunculus*
284 *hostiliensis* Pignatti etc.) or sandy dunes and coastal areas in major and minor islands (e.g. *Anthyllis*
285 *hermanniae* L. subsp. *corsica* Brullo & Giusso; *Limonium intermedium* (Guss.) Brullo), where tourist
286 inflow often grew up massively (e.g., Ballantyne and Pickering, 2013). Also the abandonment of
287 traditional agricultural practices and crops like emmer or flax have caused the decline and extinction
288 of some species strictly dependent by them, like *Silene linicola* C.C.Gmel. or *Bromus grossus* Desf.
289 ex DC. Threats were not recorded for about 20% (484 taxa) of the assessed species.

290 Our results represent an important baseline to establish conservation priorities, legislative choices
291 and intervention strategies at the national scale. We recommend scientists and stakeholders to take
292 this information into account in conservation planning, allowing for an optimisation of conservation
293 efforts while minimizing conservation costs (Carta et al. 2019). Conservation measures for

294 endangered species, both at normative and practical level, cannot be further postponed in order to
295 prevent their extinction and halt the worsening of biodiversity status.

296

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300

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303

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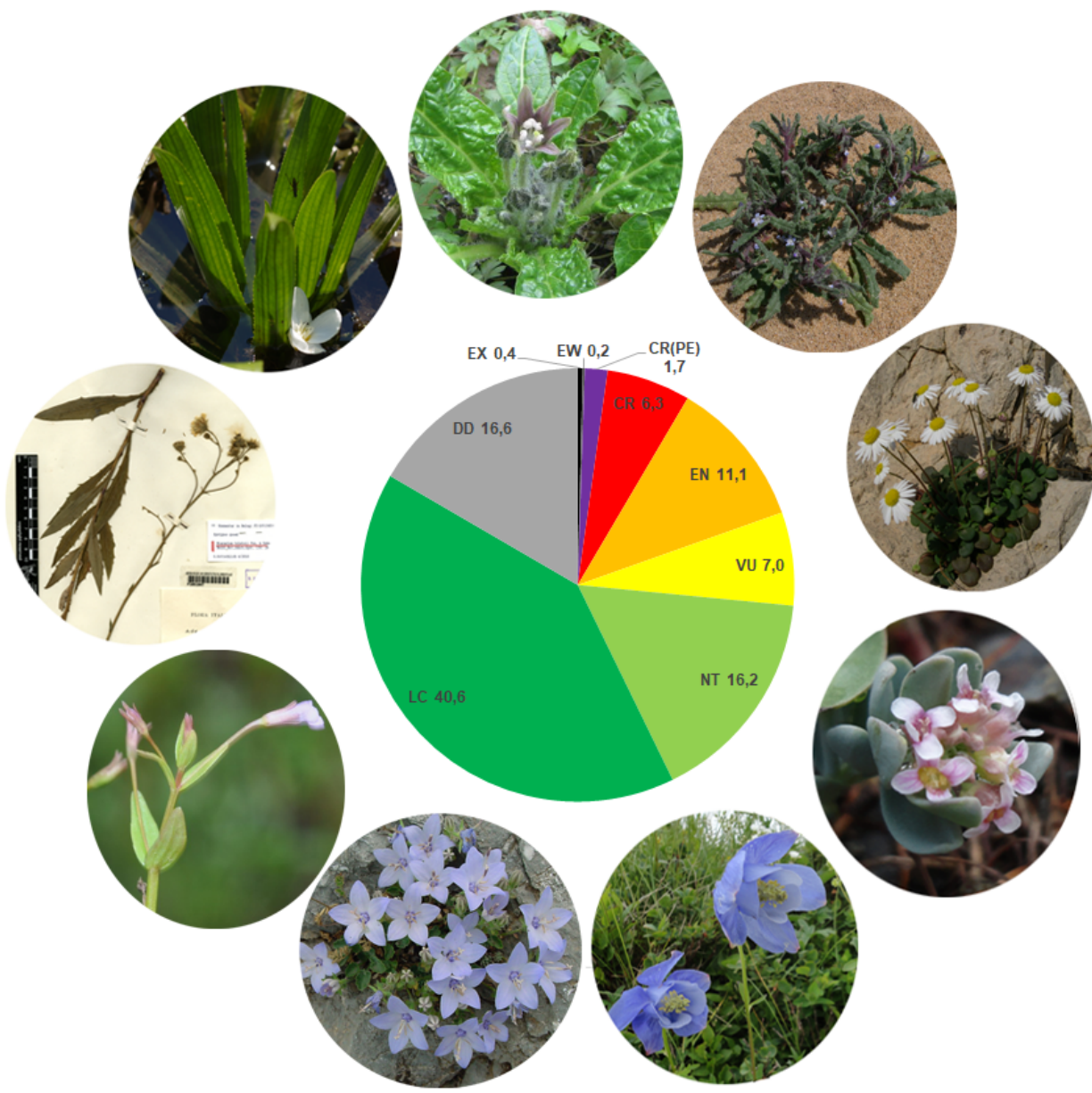
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441 **Figure 1.** Reprerentativeness (%) of Red List categories in the Italian vascular flora. For each threat category, a
442 representative plant taxon is shown. Clockwise from the left: herbarium sample of *Hieracium tolstoii* Fen. &
443 Zahn (EX); *Stratiotes aloides* L. (EW); *Mandragora officinarum* L. (CR[PE]); *Anchusa litorea* Moris (CR);
444 *Bellium crassifolium* Moris (EN); *Aethionema thomasianum* J.Gay (VU); *Aquilegia lucensis* E.Nardi (NT);
445 *Campanula fragilis* Cirillo subsp. *fragilis* (LC) and *Lindernia procumbens* (Krocker) Philcox (DD).

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447 **Figure 2.** Percentage of Italian vascular plants affected by each major threat category according to the IUCN
448 Threats Classification Scheme (version 3.2-IUCN 2012b).



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