### On-line Suppl. Tab. 1: The *Bupleuro gussonei-Stipetum austroitalicae* ass. nov. hoc loco (relevés 1–16, holotypus relevés 3); vegetation of the *Cytiso-Bromion* (relevés 17–19).

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#### Bupleuro gussonei-Stipetum austroitalicae ass. nov.

| Euphorbia rigidá M. Bieb. | + | + | + | + | 1 | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Bupleurum gussonei (Arcang.) Snogerup & B. Snogerup | . | . | 2 | + | + | + | . | + | + | 1 | . | 2 | + | + | + | + | + | + | + |

#### Hippocrepido glaucae-Stipion austroitalicae

| Stipa austroitalica Martinovsky subsp. austroitalica | 5 | 5 | 5 | 4 | 5 | 5 | 4 | 4 | 3 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | . | . | . |
| Convolumus elegantissimus Miller | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Thymus spinulosus Ten. | + | + | 2 | . | + | + | + | + | 1 | 1 | 1 | 3 | 2 | 1 | 3 | + | + | 2 | 2 |
| Scorzonera villosa Scop. subsp. columnae (Guss.) Nyman | 1 | + | 2 | + | + | 2 | + | + | . | + | + | + | + | + | + | 1 | + | + | + |
| Crepis rubra L. | + | + | + | + | + | + | + | 1 | + | + | . | + | + | + | + | + | + | + | + |
| Euphorbia spinosa L. | . | . | . | 3 | . | 2 | . | + | 2 | . | + | 2 | 1 | 1 | 2 | + | + | + | + |
| Stachys germanica L. subsp. salvisfelia (Ten.) Gams | + | + | + | . | + | + | . | + | + | + | + | + | + | + | + | + | + | + | + |
| Rhamnus saxatilis Jacq. subsp. infectoria (L.) P. Fourn. | + | . | . | + | . | + | + | + | + | . | 1 | + | + | + | + | + | + | + | + |
| Hippocrepis glauca Ten. | . | . | . | + | + | . | + | + | . | + | + | + | + | + | + | + | + | + | + |
| Asphodelus macrocarpus Parl. | . | . | . | . | 3 | . | 3 | 1 | 1 | + | . | 2 | 2 | + | + | + | + | + | + |
| Melica transsilvanica Schur subsp. transsilvanica | . | . | . | . | + | . | + | 1 | + | + | . | + | 2 | 1 | + | + | + | + | + |
| Polygala monspeliaca L. | + | 1 | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Carduus nutans L. subsp. perspinosus (Fiori) Arènes | + | + | + | + | . | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Potentilla detommasii Ten. | . | . | . | . | + | . | + | + | . | + | + | + | + | + | + | + | + | + | + |
| Onosma echioides (L.) subsp. angustifolia (Lehm.) Peruzzi & N. G. Passal. | . | . | + | . | + | . | . | + | + | + | + | + | + | + | + | + | + | + | + |
| Onobrychis aequidentata (Sm.) d’Urv. | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |

#### Cytiso spinescentis-Bromion erecti

| Stipa dasyvaginata Martinovsky subsp. apenninicola Martinovsky & Moraldo | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| Scabiosa holosericea Bertol. | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| Sideritis italicà (Mill.) Greuter & Burdet | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| Helictochloa versicolor (Vill.) Romero Zarco subsp. praetutiana (Arcang.) | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| Romero Zarco | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| Polygala major Jacq. | . | . | + | + | . | 1 | . | 1 | . | 1 | . | 1 | . | 1 | . | 1 | . | 1 | . |
| Seseli tommasinii Rchb. f. | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |

**ITALIAN**

**Tico spinescentis-Bromion erecti**

- *Stipa dasyvaginata* Martinovsky subsp. *apenninicola* Martinovsky & Moraldo
- *Scabiosa holosericea* Bertol.
- *Sideritis italicà* (Mill.) Greuter & Burdet
- *Helictochloa versicolor* (Vill.) Romero Zarco subsp. *praetutiana* (Arcang.)
- Romero Zarco
- *Polygala major* Jacq.
- *Seseli tommasinii* Rchb. f.
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**Helianthemum oelandicum** (L.) Dum. Cours. subsp. *incanum* (Willk.) G. López

**Helichrysum italicum** (Roth) G. Don

**Cerastium tomentosum** L.

**Pteridium aquilinum** (L.) Kuhn

**Crepis lacera** Ten.

**Asphodeline lutea** (L.) Rchb.

**Lomelosia crenata** (Cirillo) Greuter & Burdet

**Euphorbieta myrsinitidis**

**Koeleria splendens** C. Presl

**Cephalaria leucantha** (L.) Roem. & Schult.

**Centaurea deusta** Ten.

**Cytisus spinosus** C. Presl

**Asphodeline liburnica** (Scop.) Rchb.

**Festuca circumsallubricata** Patzke

**Pileum hissatum** Honck. subsp. *ambiguum* (Ten.) Tzvelev

**Elaeococum asclepium** (L.) Bertol.

**Erysimum pseudorhaeticum** Polatschek

**Salsola ochroleuca** Chaix subsp. *mediterraneum* Gallo

**Aethionema saxatile** (L.) W. T. Aiton

**Euphorbia myrsinites** L.

**Matthiola fracticula** (L.) Maire

**Pimpinella tragiurn** Vill.

**Thymus striatus** Vahl

**Jurinea mollis** (L.) Rchb.

**Alyssum diffusum** Ten.

**Linaria purpurea** (L.) Mill.

**Festuca-Brometia**

**Sanguisorba minor** Scop.

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**Galium cornutifolium** Vill.  
**Bromopsis erecta** (Huds.) Fourn.  
**Petrophaga saxifraga** (L.) Link ssp. *gasparrinii* (Guss.) Greuter & Burdet  
**Anthyllis vulneraria** L.  
**Phlomis herba-venti** L.  
**Eryngium campestre** L.  
**Teucrium chamaedryi** L.  
**Eryngium amethystinum** L.  
**Convulvus cantabricus** L.  
**Dianthus longicalyx** Ten.  
**Carex flacca** Schreb. subsp. *serrulata* (Spreng.) Greuter  
**Tragopogon porrifolius** L.  
**Anacamptis pyramidalis** (L.) Rich.  
**Serapias vomeracea** (Burm. f.) Briq.  
**Potentilla pedata** Wild  
**Orchis coriophora** L.  
**Plantago holostea** Scop.  
**Ononis pusilla** L.  
**Asperula aristata** L. f subsp. *scabra* (J. Presl & C. Presl) Nyman  
**Helianthemum apenninum** (L.) Mill. subsp. *apenninum*  
**Brachypodium rupestre** (Host) Roem. & Schult.  
**Silene amplexicaule** DC. subsp. *tenifolium* (Sm. In Sibth. & Sm.) Greuter  
**Linum tenuifolium** L.  
**Lotus corniculatus** L.  
**Medicago falcata** L.  
**Clinopodium acinos** (L.) Kuntze  
**Silene otites** (L.) Wibel  
**Hypochaeris cretensis** (L.) Bory & Chaub.  
**Arabis hirsuta** (L.) Scop.
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| Thymus longicaulis C. Presl. | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| Teucrium montanum L. | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| Euphrasia stricta J. F. Lehnh. | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| Echinops ritro L. | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| Polygala nicaensis W.D.J. Koch s.l. | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| Stachys heraclea All. | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| Stachys recta L. subsp. labiosa (Bertol.) Briq. | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| Stachys officinalis (L.) Trevis. | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| Orchis morio L. | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| Medicago lupulina L. | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| Serapias cordigera L. | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| Hypochaeris radicata L. | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| Trifolium pratense L. | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| Pilosella piloselloides (Vill.) Sojak | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| Himantoglossum hircinum (L.) Spreng. | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| Valeriana tuberosa L. | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| Rhinanthus alectorolophus (Scop.) Pollich | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |

### Lygeo-Stipetea

| Dactylis glomerata L. subsp. hispanica (Roth) Nyman | 1 | 1 | 1 | 1 | + | + | + | . | 1 | + | 2 | + | 1 | + | 2 | + | . | + |
| Brachypodium retusum Pers. P. Beauv. | + | . | . | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 2 | 1 | + | 2 | 2 | 2 | 2 | |
| Sisalix atropurpurea (L.) Greuter & Burdet | + | + | + | + | + | . | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Micromeria graeca (L.) Benth. | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyparrhenia hirta (L.) Stapf | . | 2 | . | 2 | 2 | 2 | 1 | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Drima pancracion (Steinh.) J. C. Manning & Goldblatt | . | + | . | + | + | . | + | + | + | . | + | + | + | + | + | + | + | + | + | + |
| Urospermum dalechampii (L.) F. W. Schmidt | + | 1 | + | 1 | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Bituminaria bituminosa (L.) C. H. Stir. | . | . | . | + | 1 | 2 | 2 | + | + | + | . | + | + | + | + | + | + | + | + | + |
| Pallenis spinosa (L.) Cass. subsp. spinosa | . | + | . | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Ampelodesmos mauritanicus (Poir.) T. Durand & Schinz | . | . | . | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Clinopodium nepeta (L.) Kuntze subsp. glandulosum (Req.) Govaerts | . | + | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |

### Lygeo-Stipetea

| Dactylis glomerata L. subsp. hispanica (Roth) Nyman | 1 | 1 | 1 | 1 | + | + | + | . | 1 | + | 2 | + | 1 | + | 2 | + | . | + |
| Brachypodium retusum Pers. P. Beauv. | + | . | . | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 2 | 1 | + | 2 | 2 | 2 | 2 | |
| Sisalix atropurpurea (L.) Greuter & Burdet | + | + | + | + | + | . | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Micromeria graeca (L.) Benth. | + | + | + | + | + | . | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyparrhenia hirta (L.) Stapf | . | 2 | . | 2 | 2 | 2 | 1 | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Drima pancracion (Steinh.) J. C. Manning & Goldblatt | . | + | . | + | + | . | + | + | + | . | + | + | + | + | + | + | + | + | + | + |
| Urospermum dalechampii (L.) F. W. Schmidt | + | 1 | + | 1 | . | + | + | + | . | + | + | + | + | + | + | + | + | + | + | + |
| Bituminaria bituminosa (L.) C. H. Stir. | . | . | . | + | 1 | 2 | 2 | + | + | + | . | + | + | + | + | + | + | + | + | + |
| Pallenis spinosa (L.) Cass. subsp. spinosa | . | + | . | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Ampelodesmos mauritanicus (Poir.) T. Durand & Schinz | . | . | . | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Clinopodium nepeta (L.) Kuntze subsp. glandulosum (Req.) Govaerts | . | + | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| Relevés | 1 | 2 | 3* | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Altitude (m a.s.l.) | 433 | 454 | 445 | 498 | 440 | 546 | 480 | 673 | 530 | 550 | 630 | 650 | 683 | 536 | 550 | 700 | 1028 | 980 | 1010 |
| Exposition (°) | 310 | 90 | 290 | 0 | 80 | 240 | 0 | 0 | 270 | 200 | 200 | 240 | 280 | 320 | 160 | 340 | 260 | 70 |
| Slope (%) | 25 | 10 | 30 | 0 | 0 | 10 | 20 | 20 | 0 | 40 | 40 | 20 | 20 | 15 | 25 | 35 | 10 | 40 | 25 |
| Cover (%) | 100 | 100 | 100 | 95 | 100 | 90 | 90 | 100 | 95 | 90 | 95 | 100 | 75 | 90 | 70 | 80 | 100 | 95 | 90 |
| Plot size (m²) | 100 | 100 | 100 | 70 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 80 | 100 | 100 | 100 | 100 | 100 |

**Helianthemetea guttati**

<table>
<thead>
<tr>
<th>Species</th>
<th>Cover</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Trifolium campestre</em> Schreber</td>
<td>++ ++ ++ ++ ++ ++ ++ ++ ++ ++ ++ ++ ++</td>
</tr>
<tr>
<td><em>Hypochaeris achyrophorus</em> L.</td>
<td>1 + 1 ++ 1 + + + + + + + 1</td>
</tr>
<tr>
<td><em>Briza maxima</em> L.</td>
<td>+ + ++ + + + + + + + + + + + + + + + +</td>
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<tr>
<td><em>Linum strictum</em> s.l.</td>
<td>+ + + ++ ++ + ++ + ++ + + + 1 + + + 1</td>
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<tr>
<td><em>Catapodium rigidum</em> (L.) C. E. Hubb.</td>
<td>+ + + ++ ++ + ++ ++ ++ ++ ++ ++ +</td>
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<tr>
<td><em>Linum tryginum</em> L.</td>
<td>+ + + ++ ++ + ++ ++ ++ ++ ++ ++ ++ +</td>
</tr>
<tr>
<td><em>Trifolium stellatum</em> L.</td>
<td>+ + + ++ ++ ++ ++ ++ ++ ++ ++ ++ ++ +</td>
</tr>
<tr>
<td><em>Euphorbia exigua</em> L.</td>
<td>+ + ++ ++ ++ ++ ++ ++ ++ ++ ++ ++ ++</td>
</tr>
<tr>
<td><em>Filago pyramidata</em> L.</td>
<td>+ + + ++ + ++ ++ ++ ++ ++ ++ ++ ++</td>
</tr>
<tr>
<td><em>Asterolinon linum-stellatum</em> (L.) Duby</td>
<td>+ + + ++ ++ ++ ++ ++ ++ ++ ++ ++ ++</td>
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<tr>
<td><em>Helianthemum salicifolium</em> (L.) Mill.</td>
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<tr>
<td><em>Ononis reclinata</em> L.</td>
<td>+ + + ++ ++ ++ ++ ++ ++ ++ ++ ++ ++</td>
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<tr>
<td><em>Medicago minima</em> (L.) L.</td>
<td>+ + + ++ ++ ++ ++ ++ ++ ++ ++ ++ ++</td>
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<tr>
<td><em>Onobrychis capit-galli</em> (L.) Lam.</td>
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<tr>
<td><em>Aira caryophyllea</em> L.</td>
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<tr>
<td><em>Sideritis romana</em> L. subsp. <em>romana</em></td>
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<tr>
<td><em>Crepis neglecta</em> L. subsp. <em>neglecta</em></td>
<td>2 + + + ++ ++ ++ ++ ++ ++ ++ ++ ++</td>
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<tr>
<td><em>Trachynia distachya</em> (L.) Link</td>
<td>+ + + ++ ++ ++ ++ ++ ++ ++ ++ ++ ++</td>
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<tr>
<td><em>Crepis vulgaris</em> Cass.</td>
<td>+ + + ++ ++ ++ ++ ++ ++ ++ ++ ++ ++</td>
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<tr>
<td><em>Lotus ornithopodioides</em> L.</td>
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<tr>
<td><em>Plantago bellardi</em> All.</td>
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<tr>
<td><em>Alyssum simplex</em> Rudolphi</td>
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<tr>
<td><em>Vulpia myuros</em> (L.) C. C. Gmel.</td>
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<tr>
<td><em>Scorpiurus unicus</em> L.</td>
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<tr>
<td><em>Lagarus ovatus</em> L.</td>
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<tr>
<td><em>Hippocrepis biflora</em> Spreng.</td>
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<tr>
<td><em>Hippocrepis ciliata</em> Willd.</td>
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<tr>
<td><em>Trigonella monspeliaca</em> L.</td>
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<tr>
<td>Relevés</td>
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<tr>
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</tr>
<tr>
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<tr>
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</tr>
<tr>
<td>Cover (%)</td>
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</tr>
<tr>
<td>Plot size (m$^2$)</td>
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</tr>
</tbody>
</table>

**Other species**

- *Carlina corymbosa* L.
- *Bellardia trixago* (L.) All.
- *Bupleurum baldense* Turra
- *Crupina crupinastrum* (Moris) Vis.
- *Avena barbata* Link
- *Reichardia picroides* (L.) Roth
- *Sherardia arvensis* L.
- *Nigella damascena* L.
- *Trifolium scabrum* subsp. *scabrum*
- *Echium vulgare* L.
- *Dasypyrum villosum* (L.) P. Candargy
- *Tondylium aquilum* L.
- *Triticum ovatum* (L.) Raspail
- *Asparagus acutifolius* L.
- *Micromeria graeca* (L.) Benth. subsp. *fruticulosa* (Bertol.) Guinea
- *Pistacia terebinthus* L. subsp. *terebinthus*
- *Vulpia ciliata* Dumort.
- *Centaurium erythraea* Rafn
- *Thesium humifusum* DC.
- *Seseli tortuosum* L.
- *Anagallis arvensis* L.
- *Coronilla scorpioides* (L.) W. D. J. Koch
- *Anisantha madritensis* (L.) Nevski
- *Medicago disciformis* DC.
- *Gastridium ventricosum* (Gouan) Schinz & Thell.
- *Trigonella gladiata* M. Bieb.
- *Bromus intermedium* Guss.

- + = frequent
- . . = rare

- + + = very frequent
- ++ = extremely frequent

- 1 = present
- 2 = absent
<table>
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<th>3*</th>
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<td>100</td>
<td>100</td>
<td>100</td>
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</tr>
</tbody>
</table>

- *Cynosurus echinatus* L.
- *Cardapatio corymbosum* (L.) Pers.
- *Odontites luteus* (L.) Clairv.
- *Poa bulbosa* L.
- *Ornithogalum montanum* Cirillo
- *Stipa capensis* Thumb.
- *Carrthamus lanatus* L.
- *Ophrys tenthredinifera* Willd.
- *Allium sphaerocephalon* L.
- *Plantago serraria* L.
- *Trifolium angustifolium* L.
- *Blackstonia perfoliata* (L.) Huds.
- *Salvia verbenaca* L.
- *Althea hirsuta* L.
- *Campisanula erinus* L.
- *Ptilostemon stellatus* (L.) Greuter
- *Fumana thymioides* (L.) Spach ex Webb
- *Rostraria cristata* (L.) Tzelev
- *Allium subhirsutum* L.
- *Klasea flavescens* (L.) Holub
- *Achnatherum bromoides* (L.) P. Beauv.
- *Vulpia muralis* (Kunth) Nees
- *Gypsophila arrostri Guss.
- *Hypericum perforatum* L.
- *Urospernum picroides* (L.) F. W. Schmidt
- *Linum bienne* Mill.
- *Dorycnium hirsutum* (L.) Ser.
- *Osyris alba* L.
- *Xeranthemum inapertum* (L.) Mill.
TERZI M., D'AMICO F.S.

Relevés 1 2 3* 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
Altitude (m a.s.l.) 433 454 445 498 440 546 480 673 530 550 630 650 683 536 550 700 1028 980 1010
Exposition (°) 90 290 0 0 270 200 240 360 320 160 340 260 70
Slope (%) 25 10 30 0 0 40 20 40 20 15 25 35 10 40 25
Cover (%) 100 100 95 100 95 100 95 100 70 70 100 95 90 100 95 90
Plot size (m²) 100 100 95 100 95 100 95 100 70 70 100 95 90

Carduus nutans L. subsp. nutans
Asplenium ceterach L.
Spartium junceum L.
Loncomelos narbonensis (Tom. in L.) Raf.

Sporadic species: Ajuga chamaepitys Guss. 13 (+); Allium flavum L. 13 (+); Ammoids pusilla (Brot.) Breistr. 19 (+); Anthemis arvensis L. 11 (+); Asphodelus albus Mill. 1 (+); Astraegus monogyna Jacq. 19 (+); Crepis foetida L. 6 (+); 15 (+); Crucianella angustifolia L. 17 (+); Cynoglossum cheirifolium L. subsp. cheirifolium 2 (+); Delphinium halteratum Sm. subsp. halteratum 1 (+); Dianthus brachycalyx Huet ex Bacchetta, Brullo, Casti et Giusso 17 (+); Euphorbia peplus L. 1 (+); 12 (+); Hesperis laciniata All. 17 (+); Knautia integrifolia (L.) Bertol. 1 (+); 3 (+); Leonotis rosani (Ten.) DC. 11 (+); Lomelosia brachiatia (Sm.) Greuter & Burdet 4 (+); 5 (+); Malope malacoides L. 11 (+); 12 (+); Malva cretica Cav. 3 (+); Marrubium vulgare L. 1 (+); 13 (+); Medicago rigidula (L.) All. 2 (+); 4 (+); Medicago ciliata L. 4 (+); Medicago sativa L. 7 (+); 9 (+); 15 (+); Cistus creticus L. subsp. eriocephalus (Viv.) Greuter & Burdet 8 (1); 9 (+); Cistus monspeliensis C. 6 (+); 14 (+); Cnidium rhodiodioides (L.) F. W. Schmidt 5 (+); Convolvulus gummiferi-Stipetum austroitalicae; Convolvulus elegantissimi-Stipetum austroitalicae, Centaureo apulae-Andropogon etum distachyi, and Stipo austroitalicae-Hyparrheni- etum hirtae.


On-line Suppl. Appendix 2: Relevés and associations included in the dataset: Tab. 2 from Fanelli et al. (2001: Sideritiido italicae-Stipetum austroitalicae); Tab. 3 and 4 from Forte et al. (2005: Actino suaveolenti-Stipetum austroitalicae and Chamecytisio spinoscentis-Stipetum austroitalicae); Tab. 13, 14, 15 and 16 from Biondi and Guerra (2008: Convovolo elegansitissimi-Stipetum austroitalicae, Cardapecto corymbosus-Brometum erecti, Cenatauro apuleae-Andropogonetum distachyi and Stipo austroitalicae-Hyparrheni- etum hirtae); Tab. 4 (rel. 1-7) from Di Pietro and Wagensommer (2008, p. 196: “Aggr. a Ephedra nebrodensis et Scorzonera villosa subsp. columnae”); Tab. 2 from Terzi et al. (2010: Polygalo mediter- raneae-Stipetum austroitalicae, Irido pseudopumilae-Scorzoneretum columnae and Phagnalo illyrici-Stipetum frentanae); Tab. 1 from Di Pietro and Wagensommer (2014: Stipo austroitalicae-Sesleri- etum juncifoliae); Tab. 11 from Fascetti et al. (2013: Anthemido columnae-Stipetum austroitalicae).