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Conservation assessment of the endemic plants of the Tuscan Archipelago, Italy

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TABLE S1 Details of the evaluation of 16 target species endemic to the Tuscan Archipelago (Fig. 1), with the number of locations where each species was found, the Area of Occupancy (AOO) calculated with a 1×1 and 2×2 km grid, the Extent of Occupancy (EOO), the number of individuals estimated or counted, the principal threats (IUCN, 2012), , the criteria used in assessment and results for each criterion, the final assessment, and the proposed IUCN category.

| Taxon | Number of locations | AOO1 (km ²) | AOO2 (km ²) | EOO (km ²) | Number of individuals | Principal threats* | Criteria | | | Assessment | Category |
|---|---------------------|-------------------------|-------------------------|------------------------|-----------------------|---------------------------------------|--------------------------------------|----------------|--------------------------------|--|----------|
| | | | | | | | B | C | D | | |
| <i>Biscutella pichiana</i> subsp. <i>Ilvensis</i> | 5 | 10 | 24 | 82 | 3,370 ± SD 1,053 | 1.1, 1.3, 2.3 | EN B1ab(iii, v) + B2ab(iii, v) | VU C2a(i) | B1ab(iii, v) + B2ab(iii, v) | EN | |
| <i>Centaurea aetaliae</i> | 3 | 7 | 12 | 12 | 29,225 ± SD 7,636 | 1.3, 2.3, 4.1, 5.2, 8.1.2 | EN B1ab(iii, v) + B2ab(iii, v) | | VU D2 | B1ab(iii, v) + B2ab(iii, v) | EN |
| <i>Centaurea gymnocarpa</i> | 4 | 6 | 20 | 20 | 287§ | 5.2, 8.1.2 | EN B1ab(iii, v) + B2ab(iii, v) | EN C2a(i) | VU D1 | B1ab(iii, v) + B2ab(iii, v); C2a(i) | EN |
| <i>Centaurea ilvensis</i> | 6 | 15 | 36 | 36 | 14,600 ± SD 2,923 | 2.3, 4.1, 5.2, 7.3, 8.2.1 | VU B1ab(iii, v) + B2ab(iii, v) | | VU D2 | B1ab(iii, v) + B2ab(iii, v) | VU |
| <i>Crocus ilvensis</i> | 3 | 15 | 28 | 28 | 37,500 ± SD 3,550 | 1.1, 2.3, 4.1, 5.2, 7.3, 8.1.2, 8.2.1 | EN B1ab(iii, v) + B2ab(iii, v) | | VU D2 | B1ab(iii, v) + B2ab(iii, v) | EN |
| <i>Festuca gamisansii</i> subsp. <i>Aethaliae</i> | 6 | 9 | 20 | 20 | 243,440 ± SD 32,157 | 2.3, 7.3, 8.2.1 | VU B1ab(iii, v) + B2ab(iii, v) | | VU D2 | B1ab(iii, v) + B2ab(iii, v) | VU |
| <i>Limonium doriae</i> | 1 | 1 | 4 | 4 | <1,500 | 8.1.2, 8.2.1 | CR B1ab(iii, v) + B2ab (iii, v) | EN C2a (ii) | VU D2 | B1ab(iii, v) + B2ab(iii, v) | CR |

| Taxon | Number of locations | AOO1 (km ²) | AOO2 (km ²) | EOO (km ²) | Number of individuals | Principal threats* | Criteria | | | Assessment | Category |
|---|---------------------|-------------------------|-------------------------|------------------------|-----------------------|--------------------------------------|---------------------------------|-------------|-------|---------------------------------------|----------|
| | | | | | | | B | C | D | | |
| <i>Limonium gorgonae</i> | 2 | 4 | 4 | 4 | Unknown | 8.1.2 | EN B1ab(iii) + B2ab (iii) | | VU D2 | B1ab(iii) + B2ab(iii) | EN |
| <i>Limonium ilvae</i> | 20 | 128 | 188 | 250 | Unknown | 1.1, 1.3, 8.1.2, 8.2.1 | NT | | | | NT |
| <i>Limonium planesiae</i> | 3 | 20 | 32 | 32 | Unknown | 8.1.2 | EN B1ab (iii) + B2ab (iii) | | | B1ab(iii) + B2ab(iii) | EN |
| <i>Limonium sommierianum</i> | 12 | 52 | 80 | 80 | Unknown | 1.1, 1.3, 8.1.2 | NT | | | | NT |
| <i>Linaria capraria</i> | 22 | 41 | 96 | 267 | 29,360 ± SD 6,200 | 1.1, 1.3, 2.3, 4.1, 5.2, 8.1.2, 10.3 | NT | | | | NT |
| <i>Mentha requienii</i> subsp. <i>Bistaminata</i> | 4 | 15 | 20 | 22 | Unknown | 8.1.2 | EN B1ab(iii, v) + B2ab (iii, v) | | VU D2 | B1ab(iii, v) + B2ab(iii, v) | EN |
| <i>Romulea insularis</i> | 1 | 6 | 12 | 12 | 899,476 ± SD 199,500 | 7.3, 8.2.1 | CR B1ab(iii, v) + B2ab(iii, v) | | VU D2 | B1ab(iii, v) + B2ab(iii, v) | CR |
| <i>Silene capraria</i> | 1 | 4 | 8 | 8 | <<250§ | 7.3, 8.2.1 | CR B1ab(iii, v) + B2ab(iii, v) | CR C2a(ii)b | EN D2 | B1ab(iii, v) + B2ab(iii, v); C2a(ii)b | CR |
| <i>Viola Corsica</i> subsp. <i>ilvensis</i> | 3 | 10 | 16 | 16 | 135,450 ± SD 51,127 | 1.3, 2.3, 5.2, 7.3, 8.2.1 | EN B1ab (iii) + B2ab (iii) | | VU D2 | B1ab(iii) + B2ab(iii) | EN |

*1.1, Housing and urban areas; 1.3, tourism and recreation areas; 2.3, livestock farming and ranching; 4.1, roads and railroads; 5.2, gathering terrestrial plants; 7.3, other ecosystem modifications; 8.1.2, invasive non-native/alien species; 8.2.1, problematic native species; 10.3, geological events, avalanches/landslides