

Supplementary material

Table S1. List of the selected species according to Natura 2000 habitats after the Interpretation Manual of European Union Habitats – EUR28

Habitat	Species
Habitat *6220: Pseudo-steppe with grasses and annuals of the Thero-Brachypodietea with shrubs (Rosmarino-Ericon)	<i>Brachypodium retusum</i> <i>Psoralea bituminosa</i> <i>Lavandula latifolia</i> <i>Rosmarinus officinalis</i>
Habitat 9340: <i>Quercus ilex</i> and <i>Quercus rotundifolia</i> forests	<i>Quercus ilex</i> <i>Rhamnus lycioides</i> <i>Rhamnus alaternus</i> <i>Colutea arborescens</i> <i>Dorycnium pentaphyllum</i>
Habitat 5210: Arborescent matorral with <i>Juniperus</i> spp.	<i>Juniperus oxycedrus</i> <i>Juniperus phoenicea</i>
Habitat *9560: Endemic forests of <i>Juniperus</i> spp.	<i>Juniperus thurifera</i>
Habitat *9530: Sub-Mediterranean pine forests with endemic black pines	<i>Pinus nigra</i> <i>Amelanchier ovalis</i> <i>Prunus spinosa</i> <i>Lonicera etrusca</i> <i>Pistacia terebinthus</i> <i>Crataegus monogyna</i>
Habitat 9240: <i>Quercus faginea</i> and <i>Quercus canariensis</i> Iberian Woods	<i>Sorbus domestica</i> <i>Quercus faginea</i>
Habitat 92A0: <i>Salix alba</i> and <i>Populus alba</i> galleries	<i>Populus alba</i> <i>Salix atrocinerea</i> <i>Salix purpurea</i> <i>Tamarix canariensis</i>
Habitat 6420: Mediterranean tall humid herb grasslands of the Molinio- Holoschenion	<i>Typha domingensis</i> <i>Phragmites australis</i> <i>Scirpus holoschoenus</i> <i>Molinia caerulea</i> <i>Juncus inflexus</i> <i>Juncus subnodulosus</i> <i>Tamarix canariensis</i>

(*) Habitats listed as priority habitats



Figure S1. General view of the organic fences distribution along RU1 and detailed image of an organic fence shape.



Figure S2. Microcatchment technique showing the simulation of water flows produced during a rain episode with an associated runoff productive event.



Figure S3. Rills and gullies appeared in specific areas with scarce substrate stability on steep slopes in RU1 (a) compared to the substrate stabilization in RU2 (b) with a suitable plant cover.

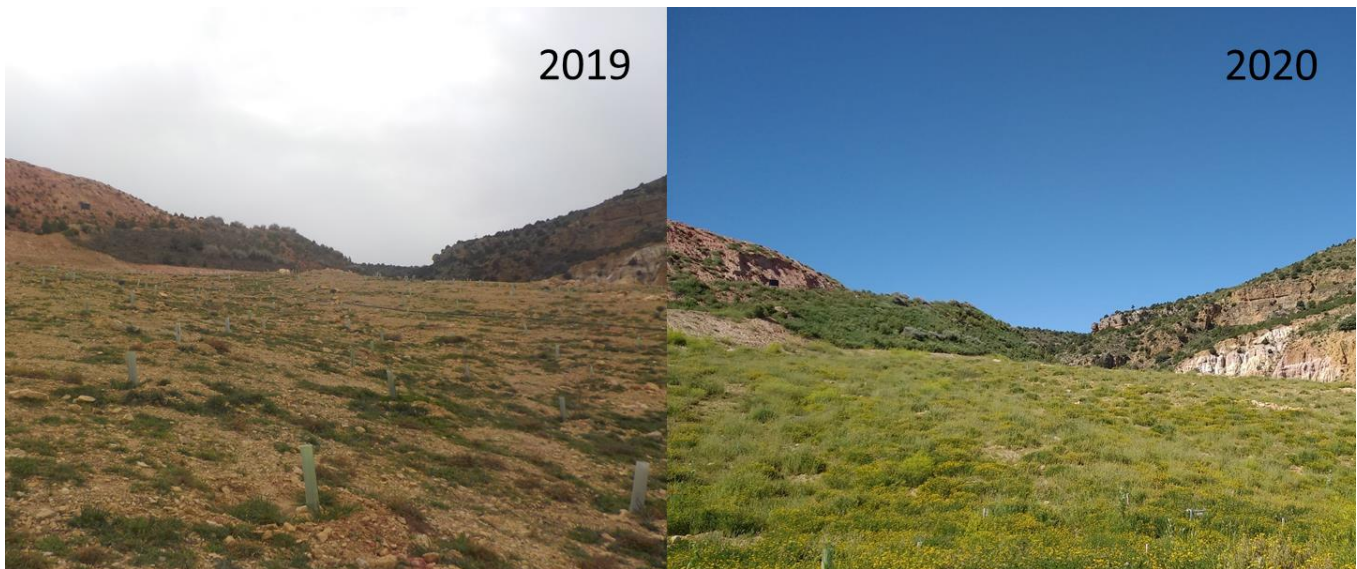


Figure S4. Comparative image of the herbaceous cover in the platform mine area for Spring-19 (left) and Spring-20 (right).