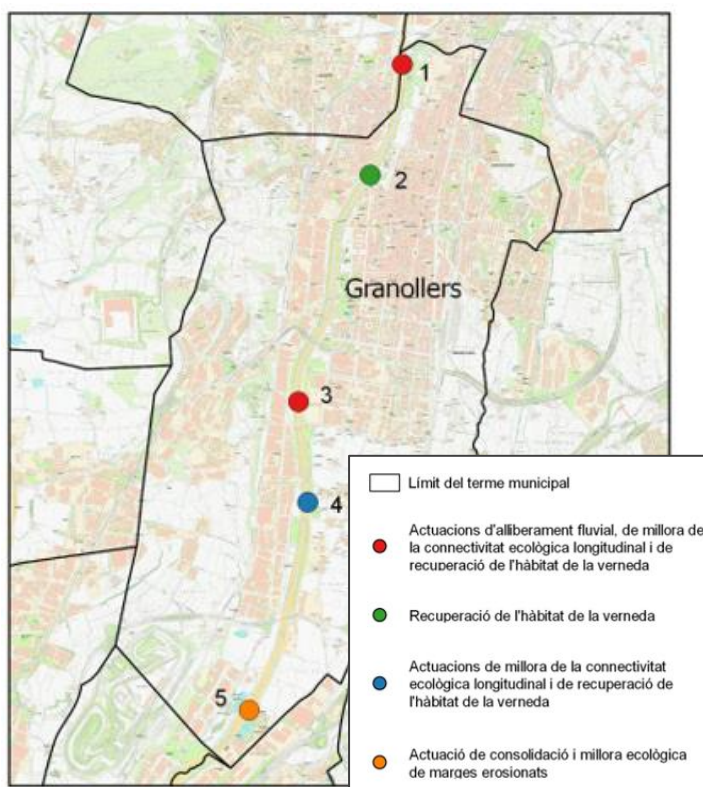


# NEWSLETTER N°2 – May 19

## C3 Action. Restoration of the river habitat in Granollers

At the end of 2018 and the beginning of 2019, a set of actions framed within the C.3.2 pilot project to restore the alder grove habitat in highly modified sections in Granollers will be performed. The following actions will be performed in five specific areas, as shown in the attached map: Lledoner (point1); Ponent (2); Parc Firal (3); Palou (4) AND edar [waste water treatment plant] (5):

- River release of the Congost river: We aim to increase hydromorphology, avoiding a completely straight outline. This will promote the appearance of new microhabitats and will increase biological diversity.
- Improvement of the longitudinal ecological connectivity, by removing the centre of some of the concrete blocks across the river bed.
- Recovery of the alder grove habitat. Sixteen scrub areas will be dispersed throughout the project's scope, of which one will be larger, located in the area of Parc de Ponent (point 2).
- Ecological improvement and consolidation of eroded margins.



## C3 Action. Pilot section of the Congost river (Conca del Besòs in Granollers)

An initial work phase has begun to promote the recovery of alder groves in Granollers. The work carried out during this phase includes:

- Demolishing the five concrete blocks on the lower river bed that were an obstacle for aquatic fauna movement, especially fish.
- Pulling back the riprap that protects the canal wall foundations to double the width



of the river bed. This significantly increases the freedom of the low water canal and, after downpours, the river will be able to take on a much richer and more diverse river morphology including meanders, pools, rapids, etc. This promotes biodiversity and the recovery of alder groves.

- Removing more than 400 m<sup>2</sup> of canes and other invasive plant species that jeopardise the habitat's recovery.
- Planting alders and ten other species that are native to the habitat, with 190 units or plants in total. This area is particularly favourable for alder groves because the groundwater is rich thanks to the presence of old mines.
- Removing several cubic metres of waste and other unnatural elements.
- Planting indigenous grass plant seeds.



### C3 Action. Planning in the riverbank of Alt Segre

On the last Monday, 5<sup>th</sup> of March, there was a meeting in La Pedrera in order to plan the general intervention lines of C3.1 action "Restoration of the alluvial forests in the riverbanks of ZEC Alt Segre"

This action is based on introduce 4 demonstrative and experimental projects. They will be applied in sections of Segre, Ter and Besòs which have been highly modified and they require complex techniques that can provide solutions to the main habitat problems in the mediterranean area.



### Acció D1. Seguiment estat ecològic dels boscos de ribera.

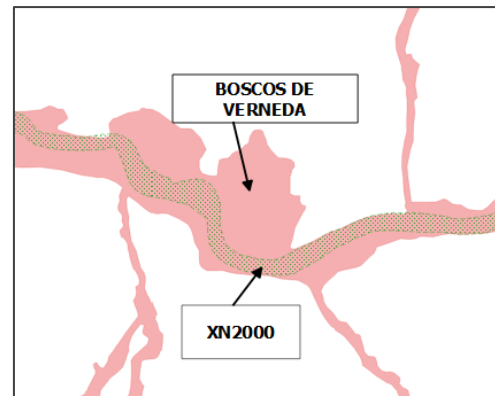
During the last month, a survey was made to measure the actual water level and install a piezometer.

The aim is to do a water level monitoring and see how is the relation between it, the fluvial dynamics and the river bank vegetation of the Ter river.



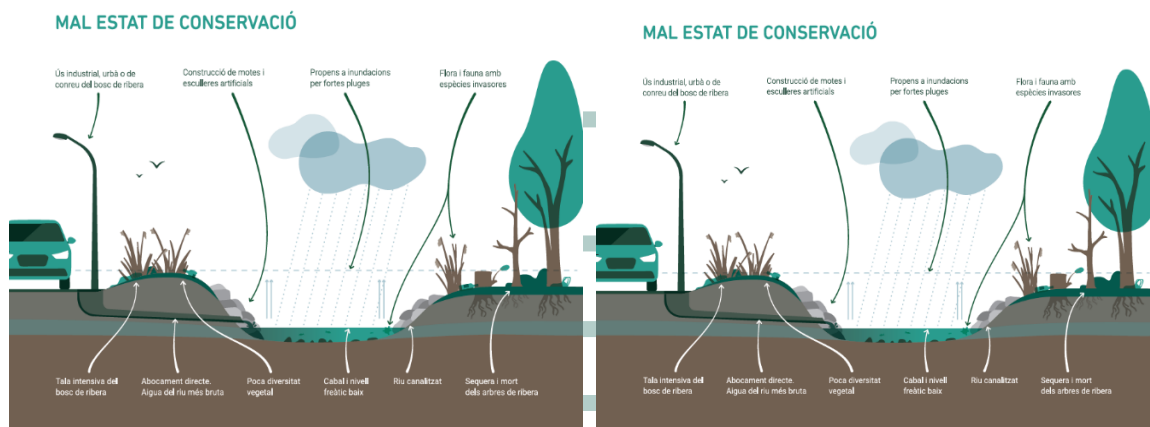
## Acció C1. Protecció física i jurídica de l'hàbitat de les vernedes.

The process with Servei de Planificació de l'Entorn Natural to present the enlargement of new ZEC in the three basins of LIFE ALNUS (Ter, Segre i Besòs). The difficulties are the fact that most part of the best alder groves are located outside any protection figure.



## Acció E1. Tríptic.

Final design of the project's brochure, where the different alder problematics are presented with a comparison between a bad and a good conservation state.



## Acció C3. Treatment of the remains resulting of the October's flood in Ter.

The treatment of the remains resulting of the October's flood which took place in illa de les Gambires, in Ter's river, has been done. The guidelines of these actions have been planned together with Demarcació Territorial de Girona. The trees have been cut into big pieces and left on the floor. Only the remains which were smaller have been moved away, because they were making blockages on living vegetation.



## D3 Action. Installation of nest boxes for bats in the river bank forest.

We have started to hang nest boxes for bats in the river bank forest. The goal is to monitor this species in the long term and provide shelter to bats, including the barbastelle bat and the Daubenton's bat.

For now, they have been installed in the Ter (Manlleu) and the Riera de Cànoves (Conca del Besòs).



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### C3 Action. Declaration of *Alnus Glutinosa* Source Material in Alt Segre.

The declaration of *Alnus Glutinosa* Source Material for the property of the Fundació Catalunya-la Pedrera in Alt Segre (Bellver de Cerdanya) has been published in the Diari Oficial de la Generalitat de Catalunya (DOGC) [Official Journal of the Government of Catalonia], number 7853 on 12/04/2019.

This means that the stand is declared of good quality to collect *Alnus glutinosa*, and becomes a seed source for this species.

This authorises the production of forest reproductive materials of the identified category. Additionally, it is noted that alder groves have been declared priority habitats of interest by the EU.



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