

N°3. DECEMBER 2024

LIFE RESQUE ALPYR INSIGHTS

NEWSLETTER

Welcome back to the LIFE RESQUE ALPYR newsletter!

We are excited to share the progress made in recent months. This year, we carried out our first pilot test with rotenone to eliminate invasive fish species from high-mountain lakes. This action is part of a broader strategy to restore high-altitude aquatic habitats, aiming to transform the restored lakes into **biodiversity reservoirs and ecological corridors**.

We also focused on **protecting mires**, vital habitats for biodiversity and water regulation. Through strategic **tree-clearcutting operations**, we have reduced shading and created better conditions for their regeneration. In addition, we have continued the mire protection actions initiated in previous years, such as **wet hay meadows mowing and livestock management** through the installation of temporary and permanent fences.

Beyond our fieldwork, we remain dedicated to public engagement. Our participation in events like **Science Week** and the **European Researchers' Night** has allowed us to raise awareness about the importance of conserving high-mountain aquatic ecosystems and to connect with the community. Furthermore, our team has participated in numerous **scientific and technical conferences and events** this year, aiming to share the results and knowledge generated at both national and international levels.

THE BEST OF THE YEAR



European Summit on Amphibian and Reptile Conservation: LIFE Platform Meeting 2024

May 27, 2024. A hundred national and international experts have addressed the challenges and opportunities regarding amphibian and reptile conservation in Europe within the framework of the 'LIFE Platform Meeting: Amphibian & Reptile Conservation'...

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First International Meeting on the Biodiversity of the Pyrenean Lakes

May 16, 2024. During May 13 and 14, 2024, the First International Meeting on the Biodiversity of the Pyrenean Lakes took place in Loudenvielle, Hautes-Pyrénées...

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New audiovisual pills to introduce the project

May 21, 2024. We are thrilled to kick off the 13 audiovisual capsules we have prepared so you can learn all the details about our project. This first video will give you an overview of the project, its objectives, and the main restoration and conservation actions...

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We are on the iNaturalist platform!

Jun 20, 2024. iNaturalist is a web platform that helps us record global biodiversity. In other words, it turns anyone with a computer or a mobile phone into someone who can contribute their observations to science...

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Impacts of swimming in high mountain lakes

Jul 22, 2024. High mountain lakes are not pools or natural beaches; they are quite the opposite. They are unique aquatic environments with high natural value. These ecosystems have a notable diversity of species...

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Restoration of mires in the Pyrenees: stopping the invasion of trees

Aug 14, 2024. The subalpine mires of the Pyrenees are wet ecosystems characterized by the accumulation of decomposing organic matter. Currently, around 27% of the mires in the Central Pyrenees host adult pines, compared to 11% in the mid-20th century...

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First pilot test with a biodegradable ichthyocide for the removal of invasive fish in the Pyrenees

Sept 26, 2024. The LIFE RESQUE ALPYR project has launched a pioneering pilot test for the removal of invasive fish using a biodegradable biocide in a high mountain lake...

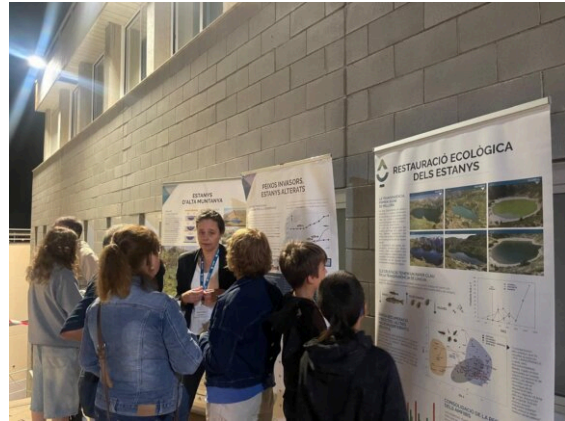
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Another year participating in the European Researchers' Night

Sept 30, 2024. This year, we had the pleasure of taking part in the CEAB Researchers' Night, an event aimed at bringing the international scientific research conducted at the Centre for Advanced Studies of Blanes (CEAB) closer to the public...

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Shrews, Introduced Fish, and High-Mountain Lakes: A Fragile Ecological Balance

Nov 12, 2024. A new study reveals that the introduction of fish into high-mountain lakes significantly disrupts biodiversity in these ecosystems, directly impacting shrews...

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Scientific Tour to Learn About Research in High Mountain Lakes

Nov 14, 2024. Once again, the project team actively participated in the activities organized by the Centre for Advanced Studies of Blanes (CEAB-CSIC) as part of Science Week, a European initiative...

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Annual Prismàtic Conference: How to Implement the New European Nature Restoration Law?

Des 12, 2024. The recent approval of the European Nature Restoration Law represents a major advancement in the conservation of the natural environment and biodiversity, with a strong focus on restoring degraded areas across Europe...

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SPOTLIGHT ON OUTREACH ACTIVITIES: HIGHLIGHTS AND KEY NUMBERS!

We've been busy spreading knowledge, sparking curiosity, and connecting with our audience! In this edition, we're excited to share a quick and fresh look at the standout numbers from our outreach activities.

 **+4.500**
Visits to the
website

 **+600**
Followers


We have published
3 brochures



We have participated in **18**
scientific congresses.


We've published **5** scientific
papers and **2** doctoral theses.


Educational events for **328**
university students.


Educational activities
for **193** schools students.

 **+50**
Media
appearances


Talks for general public,
427 people reached.

13 
Short videos for
social media

WE HAVE PARTICIPATED IN

Lucia Bello won the poster competition at the PhD Day event of the University of Calabria

Apr 15, 2024. On April 10th, our collaborator, Lucia Bello, won the poster competition during the event "PhD@Unical: a future to research 4", the second edition of the PhD day at the University of Calabria...



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Overgrazing and reforestation in the mires of the Pyrenees

Apr 25, 2024. On April 24th, the conference “Overgrazing and Reforestation in the Pyrenees Mires” was held, led by Aaron Pérez Hase and Eulàlia Pladevall Izard, researchers from the University of Barcelona and the LIFE RESQUE ALPYR project...

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The conservation of native fish of the Iberian Peninsula is the focus of the 10th Iberian Congress of Ichthyology

Jun 21, 2024. Researchers from the project were among the speakers at the 10th Iberian Congress of Ichthyology, ‘Fish for the Future’, organized by the Iberian Society of Ichthyology (SIBIC)...

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Explaining the negative impacts of introduced fish at ECCB 2024

Jun 25, 2024. The project LIFE RESQUE ALPYR has participated at the 7th European Congress of Conservation Biology held in Bologna (Italy) between 17 and 21 June 2024...

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We participated in the XXXVII Field Days of Physical Geography

Jun 28, 2024. Between June 25th and 29th, 2024, the XXXVII Field Days of Physical Geography were held in the Pyrenees of Lleida...

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III Research Conference of the Alt Pirineu Natural Park

Aug 26, 2024. The Alt Pirineu Natural Park is hosting the III Research Conference to promote research and improve territorial management. The conference will take place at the MónNatura Pirineus facilities...

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Dr. Marc Ventura participates in the Cladocera XII Congress 2024 in Italy

Oct 8, 2024. Dr. Marc Ventura, coordinator of the LIFE RESQUE ALPYR project, will participate in the Cladocera XII Conference. On this occasion, he presents the results on the effects of invasive fish on the cladocerans of high mountain lakes...

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XIII Research Conference on the Aigüestortes and Estany de Sant Maurici National Park

Oct 14, 2024. Researchers from the LIFE RESQUE ALPYR project will share the scientific knowledge gained from the research project carried out in the area. This time, projects will be presented that shed new light on research lines initiated three years ago...



XIII Jornades sobre **recerca**

al Parc Nacional d'Aigüestortes i Estany de Sant Maurici

Boí, 16, 17 i 18 d'octubre de 2024



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WE HAVE PUBLISHED

- Bello, L. et al. (2024). Introduced fish reduce the occurrence of shrews in alpine lakes. [More.](#)
- Osorio, Victor "The role of non-native fish on littoral macroinvertebrates of Pyrenean high mountain lakes". [More.](#)
- Suh, Jongmo "Genetic variability of minnows and loaches in rivers and high mountain lakes from the Pyrenees and Italian Alps". [More.](#)

You can find us on Instagram!



The project is co-financed by the EU LIFE 2020 program that promotes conservation actions and recovery of habitats and species of flora and fauna in protected areas of the European Union, integrated into the Natura 2000 network.



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