O.16:1

UPDATE OF THE NATIONAL INVENTORY OF ICHTHYOLOGICAL BIODIVERSITY AND DEVELOPMENT AND IMPLEMENTATION OF THE SPANISH FISH DATABASE: A COLLABORATIVE PROJECT LED BY SIBIC

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Among vertebrates, freshwater fishes are one of the most imperilled groups. This is true especially for the Iberian Peninsula, where this group includes a high number of endemic and threatened species. Despite the large number of research and technical studies done on freshwater fishes, the data is disperse and not available for public use, for management or research. The main objective of the project is to compile the information of freshwater fishes found in research centres, public administrations, and available on the internet (technical reports, scientific publications, among others). Other goals include to create a database for the use of general public, a database for the use of managers and to create a web platform to facilitate the access to the information. The databases will integrate information about abundance, habitats, historical evolution, population trends, major threats, conservation actions, human impact (pollution, water extraction among others) and fishing intensity. The importance of the project includes the need to have accurate information on species distribution to help managers develop monitoring plans and conservation strategies. Moreover, the historical information on species distribution will help in the analysis of freshwater fish populations and the conservation status of the group. The project will also provide data for the Spanish National Inventory of natural heritage and biodiversity. This project is funded by Fundación Biodiversidad and Iberian Society of Ichthyology.

O.16:2

LIFE SEGURA-RIVERLINK: AN IMPLEMENTATION OF A *GREEN INFRASTRUCTURE* APPROACH TO RECOVER THE LONGITUDINAL CONNECTIVITY IN A HIGHLY FRAGMENTED RIVER BASIN.

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Habitat connectivity is a central factor in shaping aquatic and riverine biological communities, however, few tools exist to maintain and recover this attribute at large scale in fluvial systems. The SEGURA RIVERLINK is a LIFE