



## MOTORCYCLISTS - SENTINELS OF BIODIVERSITY

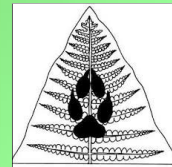
A "Citizen Science" project aimed at motorcyclists through the app "mAPPiamo la Biodiversità"

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### Federazione Motociclistica Italiana

The "Federazione Motociclistica Italiana" (FMI) was born in 1911. It is recognized by the Italian Olympic Committees as the body that regulates the motorcycle sport in Italy and is authorized to represent it abroad. The FMI directly organizes or participates in many projects related to increasing environmental sustainability in the world of motorsport. FMI is an entity pursuing policies designed to drive constant improvement of environmental sustainability-related values.



The headquarters of Munap and some beautiful places of Pistoiese Mountain



Report of sampling of FMI Environmental Commission on soil biodiversity



FMI's Environmental Guidelines and Rules



### Munap

The Munap (Museo Naturalistico Archeologico Appennino Pistoiese), active since 1990, is a set of six outdoor itineraries, museums, educational centers and historical artifacts that allow you to get to know the Pistoiese Mountain through the signs that the relationship between man and the environment has left for centuries of history.

### Project definition\_1

"mAPPiamo biodiversità" is a Project promoted by a team of scholars from the Pistoia Apennine Naturalistic Archaeological Museum in collaboration with the **CNR Institute of Bioeconomy** in Florence (Tuscany). The application, downloadable on smartphone, allows anyone who frequent the territory of the Pistoia Mountains to report plant species, animals, environments and everything related to the natural characteristics. The realization of a support to scientific research made by a community of onlookers and enthusiasts has the twofold value of: (I) increasing awareness and culture; (II) and of helping research in the field which often does not have sufficient resources available. Those who want to actively participate in this research must contact Munap (Archaeological Natural Museum of the Apennines of Pistoia, [museonaturalisticoap@gmail.com](mailto:museonaturalisticoap@gmail.com)) to apply for accreditation and have all the activation procedures.





Consiglio Nazionale delle Ricerche  
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KoBoToolbox  
Simple, Robust and Powerful  
Tools For Data Collection



Ecomuseo della Montagna Pistoiese

## mAPPiamo la biodiversità

**Strumenti digitali di Citizen Science per esperienze di monitoraggio della biodiversità**

**Per aderire e partecipare attivamente al progetto contatta il MUNAP**  
([ass.gnap@gmail.com](mailto:ass.gnap@gmail.com) - [museonaturalisticoap@gmail.com](mailto:museonaturalisticoap@gmail.com))  
**Tel. 3476157961**

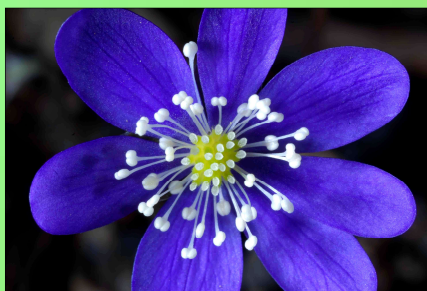
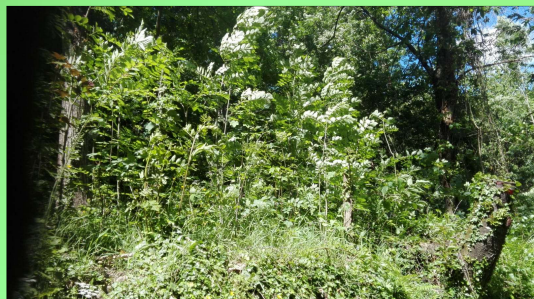


The members of MC involved in the project

### Project definition\_2

All members of the Motoclub Montagna Pistoiese Extreme ASD, fans of Enduro, the discipline that combines the passion of motors with the passion for nature and its respect, thanks to their knowledge of the Pistoia area, have joined the **Sentinels of Biodiversity** Project organized by their manager Alessio Migliorini and the FMI's Environment Commission. Directed by Dr. Simone Vergari, head of the "mAPPiamo biodiversità" project, with the organization of a series of racing on enduro trails, motorcyclists have reported through the APP the presence of characteristic faunistic and floristic elements of the study area, contributing to increase the knowledge of experts on local biodiversity. Moreover, their role is to progressively report changes in forests in regeneration after logging.

Fraxinus excelsior in regeneration. Picture collected by Alessio Migliorini



Anemone Hepatica. Rare species collected by motorcyclists



Gentiana acaulis. Rare species collected by motorcyclists

*Thanks to all the motorcyclist involved in the Project and Dr. Vergari for the classification of the species photographed by motorcyclists.*