

Project Update: June 2023

1. Fieldwork activities. We have been recording soundscapes in burned, semi-burned and non-burned forests at the Parque Nacional Calilegua, Jujuy province Argentina. With this data we will evaluate and quantify the biodiversity loss due to wildfires using the acoustic diversity as proxies of biodiversity throughout different human impacts.



Figure 1.MB at a burned forest in Parque Nacional Calilegua (in recovery).



Figure 2. SM mini at a burned forest.





Figure 3. Burned Forest





Figure 4. Data download and changing batteries.





Figure 5. Non-burned forest



Figure 6. Forest cover comparing burned versus non-burned forest.

2. Bioacoustic stands. These bioacoustic stands are being used by Daniela Cano, a park ranger working at Parque Nacional Aconquija in Tucumán. As part of her job as an educational teacher she has installed these bioacoustic stands in two opportunities during educational campaigns.



Figure 7. Educational activities at Tafi Viejo, Tucumán. Figure 8. Educational activities at Tafi Viejo, Tucumán.

3. We participated in a national meeting of fire management and fire studies in the region. We elaborated a brief presentation about the fieldwork activities.

EVALUACIÓN DE IMPACTOS ANTRÓPICOS EN LAS SELVAS DE YUNGAS DEL PARQUE NACIONAL CALILEGUA A TRAVÉS DE UN MONITOREO ACÚSTICO PASIVO

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