

MUBADALA GRANTS SUPPORTING SPECIES CONSERVATION IN COLOMBIA, SOUTH AMERICA

SUPPORTED PROJECTS

Mountain grackle
(*Macroagelaius subalaris*)
IUCN Status: Endangered



Colombian oak
(*Quercus humboldtii*)
IUCN Status: Least Concern



Lynch's Colombian tree frog
(*Hyloscirtus lynchi*)
IUCN Status: Critically Endangered



COUNTRY FACTS


1,341 Protected Areas
(60 with management effectiveness evaluations)

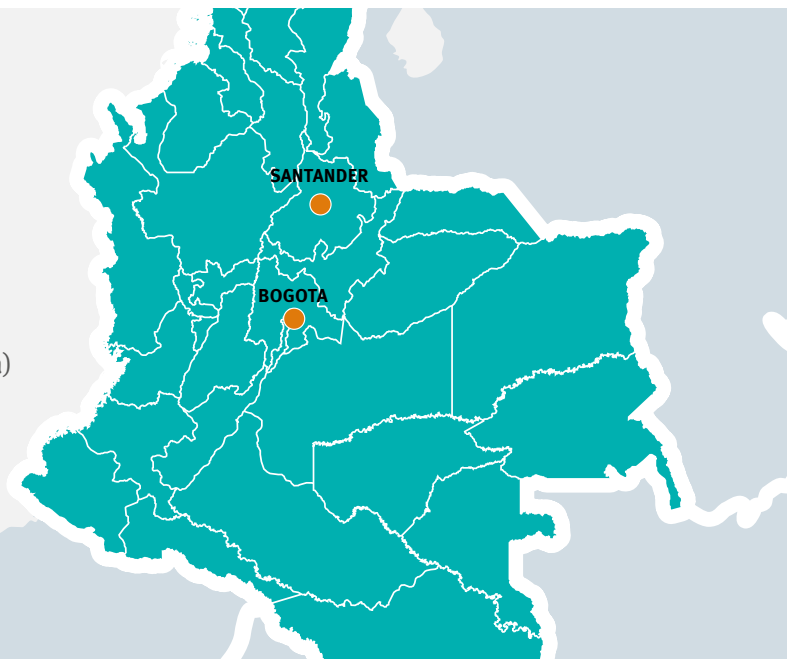
16.91% of Terrestrial Area protected
(193,618km² of 1145,033km² total land area)

17.17% of Marine Area protected
(125,437km² of 730,742km² total marine and coastal area)

1,022 threatened species on the IUCN Red List



 Project Target Areas



Santander, Colombia

To save this rare grackle from extinction, the project team is implementing an innovative project starting with comprehensive research to gather necessary biological data about the species, including the abundance of population densities at key sites. This information is analysed and presented to stakeholders and experts, who collaborate in developing a conservation action plan for the species.

In addition to establishing new protected areas and restoring habitat, the team is launching an educational campaign to raise awareness about the grackle among the community within the species' range. Through this multi-faceted project, they seek to expand the grackle's protected habitat and reverse its decreasing population.

The Colombian mountain grackle will be showcased and greatly benefit from an innovative approach of using a mobile classroom. Called the 'Ranita Chiva', the converted school bus will raise awareness about the grackle as it travels through surrounding communities in the species range, attracting frequent and high-profile local media attention across the department of Santander.

Conservation Partner:



ProAves



Santander, Colombia

Colombia's oak forests have been declining as a result of timber exploitation. This is particularly alarming as many rare endemic species, including the Indigo-winged parrot (CR), Colombian mountain grackle (EN), and Rusty-faced parrot (VU) depend on Andean oak forests for their survival.

To increase Colombia's native oak forest coverage of *Quercus humboldtii*, the project team is establishing transect and study plots at sites across Santander to survey the Colombian oak. The team are also deploying drones to undertake aerial surveys using 4K imagery and a Sentera multispectral sensor to collect NIR imagery and produce NDRE maps, locating individual oak trees over a wide area.

In addition to establishing new protected areas and restoring habitat, an educational campaign will be launched to raise awareness about the Colombian oak among the community within the species' range. Helping to ensure that its population increases so that it can continue supporting the wildlife communities that benefit from these trees.

Conservation Partner:



ProAves

Santander, Colombia

While the species was once common, it has not been recorded since 2010; consequently, very little is known about Lynch's Colombian tree frog. To save it from extinction, the project team is implementing an innovative project which commences with comprehensive research. This measures the population densities at key sites and gathers other necessary biological data about the species. A conservation action plan for the species is being developed based on analysis of this information and collaboration with stakeholders and experts.

In addition to establishing new protected areas and restoring habitat, the team are conducting rapid survey techniques for 5 days at 40 different locations across the species range, including nocturnal searches, live pitfall traps and other standard techniques used to search for amphibians. An outreach educational campaign promotes awareness about the treefrog among the community within the species' range.

Conservation Partner:



ProAves

